

# **Detroit–Ann Arbor–Flint, MI National Compensation Survey April 2006**

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U.S. Department of Labor  
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# Preface

Data shown in this bulletin were collected as part of the Bureau of Labor Statistics (BLS) National Compensation Survey (NCS). The survey could not have been conducted without the cooperation of the many private establishments and government agencies that provided pay data included in this bulletin. The Bureau thanks these respondents for their cooperation.

Field economists of the Bureau of Labor Statistics collected and reviewed the survey data. The Office of Compensation and Working Conditions, in cooperation with the Office of Field Operations and the Office of Technology and Survey Processing in the BLS National Office, designed the survey, processed the data, and prepared the survey for publication.

For additional information regarding this survey, please contact any BLS regional office at the address and telephone number listed on the back cover of this bulletin. You may also write to the Bureau of Labor Statistics at:

Division of Compensation Data Analysis and Planning, 2 Massachusetts Avenue, NE., Room 4175, Washington, DC 20212-0001, call (202) 691-6199, or send an e-mail to [ocltinfo@bls.gov](mailto:ocltinfo@bls.gov).

The data contained in this bulletin are also available at <http://www.bls.gov/ncs/ocs/compub.htm>, the BLS Internet site. Data are presented in a Portable Document Format (PDF) file containing the core bulletin, and in an ASCII file containing the published table formats.

Results of earlier surveys of this area are available from BLS regional offices, the Division of Compensation Data Analysis and Planning, or at the BLS Internet site.

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# Introduction

The tables in this bulletin summarize the NCS results for the Detroit–Ann Arbor–Flint, MI, metropolitan area. Data were collected between September 2005 and October 2006; the average reference month is April 2006. Tabulations provide information on earnings of workers in a variety of occupations and at different work levels. Also contained in this bulletin are information on the program, a technical note describing survey procedures, and an appendix with detailed information on occupational classifications.

Most of the earnings estimates in this bulletin are presented as mean hourly earnings. Mean weekly and annual earnings, and the corresponding hours, also are provided for full-time employees in specific occupations. Some occupations, such as teachers and fire fighters, typically have shorter or longer work schedules than do the majority of full-time workers. The weekly and annual estimates are useful for comparing the earnings of occupations having different work schedules.

## NCS products

The Bureau's National Compensation Survey provides comprehensive measures of occupational earnings, compensation cost trends, benefit incidence, and detailed plan provisions. The Employment Cost Index, a quarterly measure of the change in employer costs for wages and benefits, is derived from the NCS. Employer Costs for Employee Compensation measures employers' average hourly costs for wages and benefits. NCS also measures the incidence and provisions of benefit plans. This bulletin is limited to data on occupational wages and salaries.

## Changes to the publications

The locality wage publications have undergone a number of significant changes. Beginning with the 3135 bulletin series, the releases employ:

1. The 2000 Standard Occupational Classification (SOC) system and the 2002 North American Industry Classification System (NAICS)
2. An expanded scope of establishments, lowering the minimum establishment size for private industry from 50 workers to 1 worker
3. Imputation for temporary non-response situations
4. Benchmarking of estimated employment
5. Redesigned tables, to reflect the new classification system and to emphasize work levels

## About the tables

The tables that follow present data on straight-time occupational earnings, which include wages and salaries, incentive pay, cost-of-living adjustments, and hazard pay. These earnings exclude premium pay for overtime, vacations, holidays, nonproduction bonuses, and tips. About 800 detailed occupations, listed in Appendix B, are used to describe all occupations in the civilian nonfarm economy (excluding the Federal Government and private households). Data are not shown for any occupations if they would raise concerns about the confidentiality of the survey respondents or if the data are insufficient to support reliable estimates.

Table 1 presents an overview of all tables in this bulletin. Mean hourly earnings, weekly hours, and relative standard errors are given for all industries, private industry, and State and local government for selected worker and establishment characteristics. The worker characteristics include high-level and intermediate occupational aggregation, full-time or part-time status, union or nonunion status, and time or incentive pay. Establishment characteristics include goods producing, service providing, and size of establishment.

Table 2 presents mean hourly earnings data by work level for occupational major groups and for detailed occupations. Separate data are also shown for full-time and part-time workers. Table 3 provides work level data for private industry workers. Table 4 provides similar data for State and local government workers. Table 5 simplifies the work levels by combining them into broader groups within major and detailed occupations, and for full-time and part-time workers.

Tables 6 through 10 present hourly wage percentiles that describe the distribution of hourly earnings for individual workers within each published occupation. Data are provided for the 10th, 25th, 50th, 75th, and 90th percentiles for detailed occupations within all industries, private industry, State and local government, full-time workers, and part-time workers.

Table 11 presents mean and median hourly, weekly, and annual earnings, and the associated hours, for major occupational groups and detailed occupations for full-time workers. Table 12 provides the same type of information for private industry workers. Table 13 provides similar data for State and local government workers.

Table 14 presents mean hourly earnings data for establishment employment sizes by high-level occupational ag-

gregations in the private sector. Tables 15 and 16 provide mean and median hourly, weekly, and annual earnings data for full-time employees in private establishments with fewer than 100 workers, and in private establishments with 100 workers or more.

Table 17 presents mean hourly earnings data for union and nonunion workers in all, private, and State and local government establishments by high-level occupational aggregation. Table 18 provides hourly earnings data for time and incentive workers in all and private establishments by

high-level occupational aggregation. Table 19 presents mean hourly earnings data for major industry divisions within the private sector.

Appendix table 1 presents the number of workers represented by the survey, by high-level occupational aggregation and for all industries, private industry, and State and local government. Appendix table 2 provides the number of establishments in the sampling frame and the number of responding and nonresponding establishments.

Table 1. Summary: Mean hourly earnings<sup>1</sup> and weekly hours for selected worker and establishment characteristics, Detroit-Ann Arbor-Flint, MI, April 2006

Worker and establishment characteristics	Civilian workers			Private industry workers			State and local government workers		
	Hourly earnings		Mean weekly hours <sup>3</sup>	Hourly earnings		Mean weekly hours <sup>3</sup>	Hourly earnings		Mean weekly hours <sup>3</sup>
	Mean	Relative error <sup>2</sup> (percent)		Mean	Relative error <sup>2</sup> (percent)		Mean	Relative error <sup>2</sup> (percent)	
<b>All workers</b> .....	\$22.47	4.1	34.8	\$21.90	4.7	34.7	\$26.57	1.2	35.5
<b>Worker characteristics<sup>4,5</sup></b>									
Management, professional, and related .....	35.12	6.0	35.9	34.85	7.4	36.2	36.35	2.2	34.5
Management, business, and financial .....	37.79	6.3	39.9	37.75	6.7	40.0	38.31	10.1	38.3
Professional and related .....	33.93	8.2	34.4	33.29	10.8	34.5	36.10	2.8	34.1
Service .....	11.27	2.8	29.0	9.66	3.4	27.9	18.66	2.6	35.0
Sales and office .....	16.00	5.2	35.3	15.90	5.7	35.1	17.06	2.7	37.7
Sales and related .....	17.59	15.8	33.3	17.59	15.8	33.3	—	—	—
Office and administrative support .....	15.31	2.2	36.2	15.05	2.5	36.0	17.07	2.8	37.8
Natural resources, construction, and maintenance .....	22.32	4.3	39.9	22.19	4.7	39.9	23.67	6.8	39.7
Construction and extraction .....	24.05	2.5	39.6	23.99	2.6	39.6	24.44	7.2	39.6
Installation, maintenance, and repair .....	21.05	6.4	40.2	21.04	6.7	40.2	21.41	2.5	40.0
Production, transportation, and material moving .....	20.44	2.8	36.9	20.57	2.9	37.0	16.82	7.1	35.4
Production .....	21.52	3.2	39.4	21.53	3.3	39.4	—	—	—
Transportation and material moving .....	18.96	4.1	34.0	19.19	4.4	34.0	15.66	.5	34.2
Full time .....	23.87	3.7	39.5	23.34	4.3	39.6	27.46	1.1	38.4
Part time .....	12.60	7.3	19.1	12.40	7.8	19.2	15.24	9.4	18.1
Union .....	24.80	1.9	37.0	23.75	2.8	37.3	27.10	1.3	36.2
Nonunion .....	21.52	5.9	34.0	21.37	6.2	34.1	24.98	4.8	33.5
Time .....	22.22	3.2	34.9	21.59	3.7	34.8	26.57	1.2	35.5
Incentive .....	27.54	33.1	33.3	27.54	33.1	33.3	—	—	—
<b>Establishment characteristics</b>									
Goods producing .....	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	26.87	1.9	39.7	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
Service providing .....	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	20.10	6.2	33.2	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
1-99 workers .....	18.28	9.8	32.9	18.28	9.8	32.9	—	—	—
100-499 workers .....	18.50	3.3	35.1	17.93	3.4	35.1	26.44	6.5	34.7
500 workers or more .....	28.78	2.4	36.6	29.56	3.1	36.9	26.60	1.4	35.6

<sup>1</sup> Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, holidays, nonproduction bonuses, and tips. The mean is computed by totaling the pay of all workers and dividing by the number of workers, weighted by hours. See appendix A for more information.

<sup>2</sup> The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see appendix A.

<sup>3</sup> Mean weekly hours are the hours an employee is scheduled to work in a week, exclusive of overtime.

<sup>4</sup> Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Union workers are those whose wages are determined through collective bargaining. Wages of time workers are based solely on

hourly rate or salary; incentive workers are those whose wages are at least partially based on productivity payments such as piece rates, commissions, and production bonuses.

<sup>5</sup> Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. See appendix B for more information.

<sup>6</sup> Classification of establishments into goods-producing and service-providing industries applies to private industry only. Industries are determined by the 2002 North American Industry Classification System (NAICS).

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

Table 2. **Civilian workers: Mean hourly earnings<sup>1</sup> for full-time and part-time workers<sup>2</sup> by work levels<sup>3</sup>, Detroit-Ann Arbor-Flint, MI, April 2006**

Occupation <sup>4</sup> and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)
<b>All workers</b> .....	\$22.47	4.1	\$23.87	3.7	\$12.60	7.3
<b>Management occupations</b> .....	45.02	5.1	45.03	5.1	—	—
Level 9 .....	31.20	6.0	31.20	6.0	—	—
Level 10 .....	33.44	4.9	33.44	4.9	—	—
Level 11 .....	38.34	6.0	38.34	6.0	—	—
Not able to be leveled .....	43.33	4.2	43.34	4.2	—	—
General and operations managers .....	44.43	16.1	44.43	16.1	—	—
Marketing and sales managers .....	40.92	14.5	40.92	14.5	—	—
Not able to be leveled .....	42.15	17.1	42.15	17.1	—	—
Marketing managers .....	36.75	11.0	36.75	11.0	—	—
Financial managers .....	33.68	12.4	33.68	12.4	—	—
Level 9 .....	27.29	11.1	27.29	11.1	—	—
Industrial production managers .....	43.00	5.1	43.00	5.1	—	—
Level 11 .....	40.83	4.9	40.83	4.9	—	—
Education administrators .....	46.65	18.3	46.65	18.3	—	—
Medical and health services managers .....	29.65	8.0	29.65	8.0	—	—
<b>Business and financial operations occupations</b> .....	29.74	8.6	29.85	8.8	—	—
Level 7 .....	22.39	9.3	22.39	9.3	—	—
Level 8 .....	22.06	6.1	22.06	6.1	—	—
Level 9 .....	28.93	3.4	29.17	3.3	—	—
Level 10 .....	30.66	2.6	30.67	2.7	—	—
Level 11 .....	40.70	5.8	40.86	6.0	—	—
Level 12 .....	41.92	3.5	41.92	3.5	—	—
Not able to be leveled .....	27.71	28.0	27.71	28.0	—	—
Buyers and purchasing agents .....	26.53	11.4	26.53	11.4	—	—
Human resources, training, and labor relations specialists .....	31.45	13.6	31.44	13.8	—	—
Level 9 .....	25.78	4.6	25.78	4.6	—	—
Training and development specialists .....	25.68	5.3	25.68	5.3	—	—
Management analysts .....	36.40	10.2	36.27	10.6	—	—
Accountants and auditors .....	29.00	13.8	29.00	13.8	—	—
<b>Computer and mathematical science occupations</b> .....	34.68	3.9	34.68	3.9	—	—
Level 8 .....	29.14	8.0	29.14	8.0	—	—
Level 9 .....	33.89	4.4	33.89	4.4	—	—
Level 10 .....	36.87	1.2	36.87	1.2	—	—
Level 11 .....	39.65	8.2	39.65	8.2	—	—
Not able to be leveled .....	28.78	2.2	28.78	2.2	—	—
Computer programmers .....	30.27	7.1	30.27	7.1	—	—
Computer software engineers .....	41.40	3.6	41.40	3.6	—	—
Computer support specialists .....	20.53	9.7	20.53	9.7	—	—
Computer systems analysts .....	36.57	3.6	36.57	3.6	—	—
Level 10 .....	36.22	2.8	36.22	2.8	—	—
Network and computer systems administrators .....	31.30	6.7	31.30	6.7	—	—
<b>Architecture and engineering occupations</b> .....	33.93	3.4	34.55	2.3	—	—
Level 7 .....	26.14	7.4	26.14	7.4	—	—
Level 8 .....	29.38	6.3	30.00	8.5	—	—
Level 9 .....	34.80	2.0	34.80	2.0	—	—
Level 11 .....	41.08	1.0	41.08	1.0	—	—
Level 12 .....	42.69	7.8	42.69	7.8	—	—
Not able to be leveled .....	33.58	5.1	33.58	5.1	—	—
Engineers .....	38.26	2.1	38.26	2.1	—	—
Level 9 .....	34.73	1.7	—	—	—	—
Level 11 .....	41.08	1.0	—	—	—	—
Level 12 .....	42.75	8.0	—	—	—	—
Not able to be leveled .....	37.14	4.6	—	—	—	—
Mechanical engineers .....	33.33	3.3	33.33	3.3	—	—
Level 9 .....	32.70	2.5	32.70	2.5	—	—
Not able to be leveled .....	33.65	4.1	33.65	4.1	—	—
Drafters .....	22.28	9.6	23.96	9.9	—	—
Engineering technicians, except drafters .....	25.70	4.3	25.89	4.3	—	—
Level 7 .....	24.80	11.0	24.80	11.0	—	—
Level 8 .....	30.00	8.5	30.00	8.5	—	—

See footnotes at end of table.

Table 2. **Civilian workers: Mean hourly earnings<sup>1</sup> for full-time and part-time workers<sup>2</sup> by work levels<sup>3</sup>, Detroit-Ann Arbor-Flint, MI, April 2006** — Continued

Occupation <sup>4</sup> and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)
Mechanical engineering technicians .....	\$23.71	4.4	\$24.13	4.2	—	—
<b>Life, physical, and social science occupations</b> .....	19.24	10.3	19.62	11.5	—	—
Life scientists .....	20.83	20.7	—	—	—	—
<b>Community and social services occupations</b> .....	24.28	8.4	24.30	9.2	\$24.05	2.5
Level 9 .....	24.14	7.6	24.11	9.9	—	—
Counselors .....	26.79	18.5	26.87	20.9	—	—
Educational, vocational, and school counselors .....	26.87	20.9	26.87	20.9	—	—
Social workers .....	24.58	8.0	24.68	8.7	—	—
Level 9 .....	—	—	21.01	9.1	—	—
Child, family, and school social workers .....	31.78	25.7	31.78	25.7	—	—
Mental health and substance abuse social workers .....	18.93	9.6	18.85	10.5	—	—
<b>Legal occupations</b> .....	42.24	11.7	42.24	11.7	—	—
Lawyers .....	50.01	10.5	50.01	10.5	—	—
<b>Education, training, and library occupations</b> .....	37.94	6.8	39.83	7.7	21.60	10.8
Level 2 .....	12.20	16.6	12.56	20.0	—	—
Level 3 .....	11.12	3.9	11.12	3.9	—	—
Level 5 .....	13.05	10.5	—	—	—	—
Level 6 .....	32.82	29.1	33.15	32.4	—	—
Level 7 .....	20.55	13.1	—	—	—	—
Level 8 .....	43.35	2.7	44.39	2.9	—	—
Level 9 .....	44.76	3.3	47.13	3.1	23.35	12.5
Level 10 .....	51.92	21.5	—	—	—	—
Level 11 .....	42.08	4.0	41.95	4.3	—	—
Postsecondary teachers .....	47.89	17.4	51.34	13.5	31.22	5.9
Level 11 .....	45.99	7.5	—	—	—	—
Miscellaneous postsecondary teachers .....	36.96	15.9	—	—	—	—
Primary, secondary, and special education school teachers .....	43.55	3.0	45.15	2.0	22.14	8.8
Level 6 .....	38.08	20.0	—	—	—	—
Level 8 .....	44.85	4.1	—	—	—	—
Level 9 .....	46.38	4.7	—	—	—	—
Preschool and kindergarten teachers .....	30.11	19.2	31.08	22.2	—	—
Kindergarten teachers, except special education .....	39.61	2.4	—	—	—	—
Elementary and middle school teachers .....	44.79	4.5	47.19	3.1	19.91	10.2
Level 8 .....	46.72	2.1	48.13	.9	—	—
Level 9 .....	47.37	8.0	50.54	3.0	—	—
Elementary school teachers, except special education .....	44.16	3.5	46.88	2.9	19.91	10.2
Level 8 .....	46.61	1.1	48.43	.2	—	—
Level 9 .....	46.84	6.6	50.36	1.0	—	—
Middle school teachers, except special and vocational education .....	49.07	11.0	49.07	11.0	—	—
Secondary school teachers .....	42.50	7.3	42.77	7.1	—	—
Level 8 .....	43.00	8.5	43.00	8.5	—	—
Level 9 .....	42.67	8.9	43.39	8.2	—	—
Secondary school teachers, except special and vocational education .....	42.50	7.3	42.77	7.1	—	—
Level 8 .....	43.00	8.5	43.00	8.5	—	—
Level 9 .....	42.67	8.9	43.39	8.2	—	—
Special education teachers .....	47.84	5.1	47.84	5.1	—	—
Level 9 .....	46.83	9.9	46.83	9.9	—	—
Special education teachers, preschool, kindergarten, and elementary school .....	48.38	6.5	48.38	6.5	—	—
Level 9 .....	47.15	12.0	47.15	12.0	—	—
Other teachers and instructors .....	36.43	33.7	—	—	19.91	8.0
Adult literacy, remedial education, and GED teachers and instructors .....	40.26	31.8	—	—	—	—
Librarians .....	22.20	6.0	22.77	6.7	—	—
Teacher assistants .....	11.65	7.1	11.86	10.1	—	—
Level 2 .....	12.20	16.6	12.56	20.0	—	—
Level 3 .....	11.12	3.9	11.12	3.9	—	—

See footnotes at end of table.



Table 2. **Civilian workers: Mean hourly earnings<sup>1</sup> for full-time and part-time workers<sup>2</sup> by work levels<sup>3</sup>, Detroit-Ann Arbor-Flint, MI, April 2006** — Continued

Occupation <sup>4</sup> and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)
<b>Arts, design, entertainment, sports, and media occupations</b>	\$29.30	11.4	\$28.81	12.0	—	—
Not able to be leveled	31.43	9.6	30.29	10.4	—	—
Writers and editors	31.44	4.9	—	—	—	—
<b>Healthcare practitioner and technical occupations</b>	35.78	23.7	35.02	22.6	\$38.93	30.4
Level 4	13.25	4.6	13.25	4.6	—	—
Level 5	20.08	11.7	17.87	4.1	—	—
Level 6	21.10	5.4	21.00	6.2	21.80	1.9
Level 7	24.64	4.3	24.87	4.9	21.95	1.1
Level 8	26.61	2.9	26.45	2.8	—	—
Level 9	28.41	1.6	27.97	.7	29.90	5.5
Level 10	41.31	8.6	38.85	11.4	—	—
Level 11	44.27	10.1	43.63	13.6	—	—
Not able to be leveled	44.23	24.9	42.30	27.6	—	—
Physicians and surgeons	87.73	20.7	80.73	22.1	—	—
Not able to be leveled	51.29	26.6	48.84	31.6	—	—
Registered nurses	28.52	1.1	28.53	.4	28.49	4.4
Level 8	—	—	27.68	1.6	—	—
Level 9	28.52	.8	28.43	.5	28.79	2.1
Level 11	51.14	22.2	48.27	30.6	—	—
Therapists	30.74	12.9	27.49	10.9	—	—
Level 9	30.80	14.2	—	—	—	—
Respiratory therapists	23.02	1.3	—	—	—	—
Clinical laboratory technologists and technicians	22.55	2.6	22.74	4.0	—	—
Medical and clinical laboratory technologists	24.72	4.0	24.82	3.6	—	—
Diagnostic related technologists and technicians	24.86	4.6	23.69	4.5	—	—
Level 6	21.69	1.0	—	—	—	—
Level 7	23.23	7.3	—	—	—	—
Radiologic technologists and technicians	23.78	3.0	23.90	3.8	—	—
Health diagnosing and treating practitioner support technicians	15.84	3.8	15.84	3.8	—	—
Pharmacy technicians	13.85	6.5	13.85	6.5	—	—
Licensed practical and licensed vocational nurses	21.90	3.5	22.11	3.7	20.67	5.4
Level 5	19.21	2.2	19.57	2.1	—	—
Level 6	22.33	3.8	22.43	4.1	—	—
Medical records and health information technicians	17.83	6.0	17.83	6.0	—	—
<b>Healthcare support occupations</b>	11.97	4.4	11.78	4.1	13.22	9.5
Level 2	11.36	4.3	11.55	4.9	10.17	2.2
Level 3	10.94	2.3	10.93	2.9	11.03	8.3
Level 4	14.29	10.1	13.46	5.8	—	—
Level 5	15.09	10.7	—	—	—	—
Nursing, psychiatric, and home health aides	11.29	4.6	11.01	3.2	14.03	19.8
Level 2	11.34	4.6	11.48	5.1	—	—
Level 3	10.46	2.5	10.46	2.8	10.42	13.9
Level 4	14.13	14.2	11.86	4.9	—	—
Home health aides	10.00	3.4	10.09	3.4	—	—
Level 3	9.86	4.5	—	—	—	—
Nursing aides, orderlies, and attendants	12.56	7.0	11.82	3.0	18.08	29.3
Level 2	11.43	5.1	11.48	5.1	—	—
Level 3	12.39	1.9	12.32	2.1	12.85	3.4
Miscellaneous healthcare support occupations	13.53	3.0	13.86	2.4	12.28	9.6
Level 3	12.49	6.1	12.67	6.6	—	—
Level 4	14.45	7.0	—	—	—	—
Medical assistants	12.48	9.1	11.98	4.5	—	—
<b>Protective service occupations</b>	18.68	7.5	19.47	7.8	10.26	6.5
Level 1	—	—	—	—	9.63	11.2
Level 2	11.93	8.0	—	—	—	—
Level 3	12.23	7.2	—	—	10.35	12.1
Level 5	17.85	4.4	18.01	4.9	—	—
Level 6	19.69	3.5	19.69	3.5	—	—
Level 7	23.25	3.8	23.25	3.8	—	—
Level 8	25.05	2.8	25.05	2.8	—	—

See footnotes at end of table.

Table 2. **Civilian workers: Mean hourly earnings<sup>1</sup> for full-time and part-time workers<sup>2</sup> by work levels<sup>3</sup>, Detroit-Ann Arbor-Flint, MI, April 2006** — Continued

Occupation <sup>4</sup> and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)
Fire fighters .....	\$19.46	3.0	\$19.46	3.0	—	—
Bailiffs, correctional officers, and jailers .....	21.10	1.0	21.10	1.0	—	—
Correctional officers and jailers .....	21.10	1.0	21.10	1.0	—	—
Police officers .....	24.86	1.5	24.86	1.5	—	—
Level 7 .....	25.09	2.8	25.09	2.8	—	—
Level 8 .....	24.74	1.7	24.74	1.7	—	—
Police and sheriff's patrol officers .....	24.86	1.5	24.86	1.5	—	—
Level 7 .....	25.09	2.8	25.09	2.8	—	—
Level 8 .....	24.74	1.7	24.74	1.7	—	—
Security guards and gaming surveillance officers .....	12.14	8.6	—	—	\$10.81	8.3
Security guards .....	12.14	8.6	—	—	10.81	8.3
Miscellaneous protective service workers .....	11.50	9.8	12.43	11.6	8.88	9.1
Level 1 .....	8.32	12.7	—	—	—	—
Crossing guards .....	8.47	16.8	—	—	8.47	16.8
<b>Food preparation and serving related occupations</b> .....	7.62	5.5	8.95	7.4	6.64	3.4
Level 1 .....	7.02	1.7	—	—	6.98	2.1
Level 2 .....	6.40	13.1	7.68	19.2	5.56	4.2
Level 3 .....	9.25	3.2	9.45	2.9	8.88	4.6
Level 4 .....	11.58	10.6	11.69	10.1	—	—
First-line supervisors/managers, food preparation and serving workers .....	13.35	5.8	13.39	5.7	—	—
First-line supervisors/managers of food preparation and serving workers .....	13.04	6.0	13.07	5.9	—	—
Cooks .....	9.98	4.5	10.29	8.5	—	—
Level 3 .....	10.08	6.8	10.17	8.9	—	—
Cooks, institution and cafeteria .....	11.81	4.2	11.81	4.2	—	—
Cooks, restaurant .....	9.80	4.9	—	—	—	—
Food preparation workers .....	9.11	2.4	—	—	9.18	3.8
Level 2 .....	8.85	6.3	—	—	—	—
Food service, tipped .....	3.77	12.8	4.05	16.2	3.59	12.0
Level 2 .....	3.32	4.6	—	—	—	—
Bartenders .....	5.41	15.4	—	—	—	—
Waiters and waitresses .....	3.27	7.7	—	—	3.16	13.2
Level 2 .....	3.17	3.8	—	—	3.00	9.1
Fast food and counter workers .....	7.25	4.6	8.23	6.0	6.81	2.3
Level 1 .....	6.79	1.0	—	—	6.73	1.8
Level 2 .....	7.77	13.2	9.91	7.1	6.67	5.5
Level 3 .....	8.36	14.0	—	—	—	—
Combined food preparation and serving workers, including fast food .....	7.25	3.4	8.11	5.8	6.84	1.3
Level 1 .....	6.82	.8	—	—	6.76	.5
Level 2 .....	7.79	13.1	9.79	7.5	6.62	5.3
Counter attendants, cafeteria, food concession, and coffee shop .....	7.29	18.2	—	—	6.63	12.2
Food servers, nonrestaurant .....	10.52	9.7	—	—	9.88	13.4
Level 1 .....	9.29	14.5	—	—	9.26	16.4
Hosts and hostesses, restaurant, lounge, and coffee shop .....	8.16	3.5	—	—	7.48	5.4
Level 2 .....	8.04	10.9	—	—	—	—
<b>Building and grounds cleaning and maintenance occupations</b> .....	11.79	4.6	12.83	5.7	8.63	2.2
Level 1 .....	9.20	4.7	10.30	9.9	8.26	.8
Level 2 .....	13.05	6.0	13.31	6.3	10.47	4.9
Level 3 .....	12.91	7.0	12.97	7.3	—	—
Level 4 .....	14.84	6.8	14.84	6.8	—	—
Not able to be leveled .....	13.32	13.5	13.77	14.1	—	—
Building cleaning workers .....	11.77	4.6	12.98	5.4	8.61	2.3
Level 1 .....	9.25	4.8	10.63	9.9	8.24	.9
Level 2 .....	13.37	6.0	13.72	6.5	10.49	5.0
Level 3 .....	12.72	8.5	12.73	8.8	—	—
Level 4 .....	15.06	7.3	15.06	7.3	—	—
Not able to be leveled .....	13.32	13.5	13.77	14.1	—	—
Janitors and cleaners, except maids and housekeeping cleaners .....	11.86	4.3	13.29	5.1	8.61	2.5

See footnotes at end of table.

Table 2. **Civilian workers: Mean hourly earnings<sup>1</sup> for full-time and part-time workers<sup>2</sup> by work levels<sup>3</sup>, Detroit-Ann Arbor-Flint, MI, April 2006** — Continued

Occupation <sup>4</sup> and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)
Janitors and cleaners, except maids and housekeeping cleaners —Continued						
Level 1 .....	\$9.29	4.6	\$11.67	10.0	\$8.22	1.0
Level 2 .....	13.33	7.0	13.78	7.2	10.47	5.0
Level 3 .....	12.67	8.5	12.68	8.8	—	—
Level 4 .....	15.06	7.3	15.06	7.3	—	—
Not able to be leveled .....	13.77	14.1	13.77	14.1	—	—
Maids and housekeeping cleaners .....	10.97	15.4	11.29	16.6	8.63	3.6
Level 1 .....	8.98	10.9	9.02	12.4	8.77	3.5
Grounds maintenance workers .....	11.22	12.4	11.31	12.6	—	—
Level 2 .....	11.40	13.0	11.41	13.0	—	—
Landscaping and groundskeeping workers .....	11.22	12.4	11.31	12.6	—	—
Level 2 .....	11.40	13.0	11.41	13.0	—	—
<b>Personal care and service occupations</b> .....	10.72	3.9	11.28	4.4	9.17	4.1
Level 1 .....	8.14	4.0	—	—	8.09	4.4
Level 2 .....	8.87	3.4	—	—	9.36	8.7
Level 3 .....	8.32	18.7	8.04	23.4	9.18	2.2
Level 5 .....	14.51	3.6	—	—	—	—
Miscellaneous entertainment attendants and related workers .....	7.99	4.3	—	—	7.99	4.3
Level 1 .....	8.00	4.7	—	—	8.00	4.7
Child care workers .....	10.43	9.5	11.19	15.3	9.28	4.1
Level 1 .....	8.29	6.6	—	—	8.19	7.8
Level 2 .....	8.96	6.8	—	—	9.55	15.7
<b>Sales and related occupations</b> .....	17.59	15.8	20.35	15.0	8.52	5.0
Level 1 .....	8.16	1.5	—	—	—	—
Level 2 .....	9.95	2.2	—	—	—	—
Level 3 .....	8.50	6.8	—	—	—	—
Level 4 .....	14.58	2.8	—	—	—	—
Level 5 .....	24.92	17.5	—	—	—	—
Level 6 .....	18.82	10.9	—	—	—	—
Level 7 .....	27.46	14.3	—	—	—	—
Level 9 .....	37.60	11.0	—	—	—	—
Not able to be leveled .....	22.73	13.5	—	—	—	—
First-line supervisors/managers, sales workers .....	22.45	13.1	22.90	12.9	—	—
First-line supervisors/managers of non-retail sales workers .....	26.24	13.5	26.24	13.5	—	—
Retail sales workers .....	11.32	15.4	13.43	22.4	8.17	4.3
Level 2 .....	9.86	3.0	—	—	—	—
Level 3 .....	8.07	3.7	—	—	—	—
Level 4 .....	15.93	1.0	—	—	—	—
Cashiers, all workers .....	9.08	1.5	9.34	3.1	8.58	1.4
Level 2 .....	10.36	2.5	11.27	1.1	8.82	2.8
Cashiers .....	9.08	1.5	9.34	3.1	8.58	1.4
Level 2 .....	10.36	2.5	11.27	1.1	8.82	2.8
Retail salespersons .....	10.99	8.5	14.22	12.8	7.73	3.5
Level 3 .....	7.86	2.7	—	—	7.37	6.9
Level 4 .....	16.24	3.2	—	—	—	—
Sales representatives, wholesale and manufacturing .....	30.24	12.7	30.24	12.7	—	—
Not able to be leveled .....	24.62	11.7	24.62	11.7	—	—
Sales representatives, wholesale and manufacturing, except technical and scientific products .....	31.84	14.2	31.84	14.2	—	—
Miscellaneous sales and related workers .....	14.89	36.6	—	—	—	—
<b>Office and administrative support occupations</b> .....	15.31	2.2	15.84	2.4	11.14	5.7
Level 1 .....	9.45	3.4	—	—	—	—
Level 2 .....	10.96	3.3	—	—	—	—
Level 3 .....	12.70	4.8	—	—	—	—
Level 4 .....	15.11	2.5	—	—	—	—
Level 5 .....	17.28	3.9	—	—	—	—
Level 6 .....	19.70	5.5	—	—	—	—
Level 7 .....	23.96	2.7	—	—	—	—
Level 8 .....	24.01	6.8	—	—	—	—
Not able to be leveled .....	15.99	4.7	—	—	—	—

See footnotes at end of table.

Table 2. **Civilian workers: Mean hourly earnings<sup>1</sup> for full-time and part-time workers<sup>2</sup> by work levels<sup>3</sup>, Detroit-Ann Arbor-Flint, MI, April 2006** — Continued

Occupation <sup>4</sup> and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)
First-line supervisors/managers of office and administrative support workers .....	\$19.38	6.7	\$19.38	6.7	—	—
Financial clerks .....	15.07	2.6	15.34	2.8	\$12.83	6.5
Level 2 .....	11.39	5.9	—	—	—	—
Level 3 .....	12.21	3.6	—	—	—	—
Level 4 .....	14.05	4.6	—	—	—	—
Level 5 .....	15.76	5.2	—	—	—	—
Level 6 .....	21.50	2.6	—	—	—	—
Billing and posting clerks and machine operators .....	15.13	4.2	14.79	4.0	—	—
Level 4 .....	14.63	5.9	14.63	5.9	—	—
Bookkeeping, accounting, and auditing clerks .....	17.25	5.4	18.04	5.7	—	—
Level 4 .....	15.86	5.4	—	—	—	—
Tellers .....	12.54	.8	12.71	1.4	—	—
Level 3 .....	12.01	3.3	12.24	6.1	—	—
Customer service representatives .....	16.08	7.5	16.18	8.1	—	—
Level 3 .....	13.01	5.6	13.01	5.6	—	—
Level 4 .....	15.15	4.2	15.15	4.2	—	—
Not able to be leveled .....	13.71	7.9	14.21	7.6	—	—
Interviewers, except eligibility and loan .....	14.05	17.1	—	—	—	—
Library assistants, clerical .....	11.93	8.9	—	—	9.78	10.6
Level 3 .....	11.89	13.7	—	—	—	—
Receptionists and information clerks .....	11.21	6.9	12.21	9.3	—	—
Level 3 .....	11.60	3.9	—	—	—	—
Dispatchers .....	16.66	11.0	16.66	11.0	—	—
Production, planning, and expediting clerks .....	21.84	19.1	21.92	19.5	—	—
Shipping, receiving, and traffic clerks .....	16.24	13.1	16.24	13.1	—	—
Level 3 .....	18.06	19.6	18.06	19.6	—	—
Stock clerks and order fillers .....	10.43	1.6	11.63	4.0	8.95	1.9
Level 1 .....	8.78	2.9	—	—	8.68	3.2
Level 2 .....	10.22	8.6	—	—	—	—
Weighers, measurers, checkers, and samplers, recordkeeping .....	13.23	3.0	13.23	3.0	—	—
Level 3 .....	15.30	8.1	15.30	8.1	—	—
Secretaries and administrative assistants .....	17.68	6.5	17.79	5.6	—	—
Level 3 .....	—	—	10.54	15.0	—	—
Level 4 .....	15.42	2.8	15.42	2.8	—	—
Level 5 .....	16.61	5.4	16.62	5.4	—	—
Level 6 .....	19.66	9.1	19.66	9.1	—	—
Level 7 .....	25.93	5.9	25.93	5.9	—	—
Executive secretaries and administrative assistants .....	23.60	6.8	23.16	6.9	—	—
Level 6 .....	19.90	12.9	19.90	12.9	—	—
Medical secretaries .....	15.05	8.5	15.05	8.5	—	—
Secretaries, except legal, medical, and executive .....	14.90	6.9	15.22	5.5	—	—
Level 3 .....	—	—	9.84	13.3	—	—
Level 4 .....	15.60	3.2	15.60	3.2	—	—
Level 5 .....	15.71	4.9	15.72	5.0	—	—
Computer operators .....	15.22	10.0	15.22	10.0	—	—
Data entry and information processing workers .....	13.45	5.3	13.68	6.7	—	—
Word processors and typists .....	13.86	11.1	14.46	12.3	—	—
Insurance claims and policy processing clerks .....	17.25	3.4	17.73	2.2	—	—
Office clerks, general .....	14.29	3.3	14.46	3.9	11.69	4.8
Level 2 .....	11.97	9.5	12.14	10.4	—	—
Level 3 .....	11.67	4.9	11.51	5.2	—	—
Level 4 .....	15.09	2.2	15.21	2.1	—	—
Level 5 .....	18.11	8.4	18.11	8.4	—	—
<b>Construction and extraction occupations</b> .....	24.05	2.5	24.05	2.5	—	—
Level 3 .....	14.35	26.8	14.35	26.8	—	—
Level 5 .....	20.00	2.7	19.97	2.7	—	—
Level 7 .....	28.95	3.2	28.95	3.2	—	—
Level 8 .....	25.67	2.1	25.67	2.1	—	—
First-line supervisors/managers of construction trades and extraction workers .....	27.69	8.9	27.69	8.9	—	—
Construction laborers .....	18.79	6.2	18.79	6.2	—	—
Construction equipment operators .....	27.50	7.9	27.56	7.7	—	—

See footnotes at end of table.

Table 2. **Civilian workers: Mean hourly earnings<sup>1</sup> for full-time and part-time workers<sup>2</sup> by work levels<sup>3</sup>, Detroit-Ann Arbor-Flint, MI, April 2006** — Continued

Occupation <sup>4</sup> and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)
Operating engineers and other construction equipment operators .....	\$27.50	7.9	\$27.56	7.7	—	—
Electricians .....	31.92	.6	31.92	.6	—	—
Level 7 .....	31.91	.7	31.91	.7	—	—
Pipelayers, plumbers, pipefitters, and steamfitters .....	23.32	14.4	23.32	14.4	—	—
Level 7 .....	29.88	3.1	29.88	3.1	—	—
Plumbers, pipefitters, and steamfitters .....	23.32	14.4	23.32	14.4	—	—
Level 7 .....	29.88	3.1	29.88	3.1	—	—
Construction and building inspectors .....	27.27	5.3	27.27	5.3	—	—
Miscellaneous construction and related workers .....	15.34	13.4	15.34	13.4	—	—
<b>Installation, maintenance, and repair occupations .....</b>	<b>21.05</b>	<b>6.4</b>	<b>21.24</b>	<b>6.2</b>	—	—
Level 5 .....	15.97	12.2	—	—	—	—
Level 6 .....	27.48	7.4	—	—	—	—
Level 7 .....	26.20	4.7	—	—	—	—
Level 8 .....	31.21	14.9	—	—	—	—
Not able to be leveled .....	16.64	17.9	—	—	—	—
First-line supervisors/managers of mechanics, installers, and repairers .....	32.22	5.7	32.22	5.7	—	—
Automotive technicians and repairers .....	14.51	10.5	14.51	10.5	—	—
Automotive service technicians and mechanics .....	15.57	11.3	15.57	11.3	—	—
Bus and truck mechanics and diesel engine specialists ...	19.29	6.1	19.29	6.1	—	—
Level 7 .....	22.28	2.9	22.28	2.9	—	—
Industrial machinery installation, repair, and maintenance workers .....	26.05	4.0	26.05	4.0	—	—
Level 5 .....	21.30	9.1	21.30	9.1	—	—
Level 7 .....	28.92	3.5	28.92	3.5	—	—
Industrial machinery mechanics .....	28.52	2.9	28.52	2.9	—	—
Level 7 .....	29.27	4.7	29.27	4.7	—	—
Maintenance and repair workers, general .....	19.02	13.8	19.02	13.8	—	—
Millwrights .....	31.36	1.4	31.36	1.4	—	—
Level 7 .....	31.26	1.2	31.26	1.2	—	—
<b>Production occupations .....</b>	<b>21.52</b>	<b>3.2</b>	<b>21.64</b>	<b>3.3</b>	<b>\$12.90</b>	<b>10.3</b>
Level 1 .....	10.65	4.4	—	—	—	—
Level 2 .....	13.59	2.4	—	—	—	—
Level 3 .....	22.86	5.3	—	—	—	—
Level 4 .....	22.86	6.9	—	—	—	—
Level 5 .....	17.87	6.8	—	—	—	—
Level 6 .....	21.53	4.1	—	—	—	—
Level 7 .....	28.37	3.0	—	—	—	—
Not able to be leveled .....	20.70	13.4	—	—	—	—
First-line supervisors/managers of production and operating workers .....	25.91	6.9	25.91	6.9	—	—
Level 6 .....	21.06	8.4	21.06	8.4	—	—
Level 7 .....	31.06	3.6	31.06	3.6	—	—
Not able to be leveled .....	26.46	16.5	26.46	16.5	—	—
Miscellaneous assemblers and fabricators .....	25.38	3.3	25.38	3.3	—	—
Level 2 .....	15.13	6.9	15.13	6.9	—	—
Level 3 .....	26.73	1.5	26.73	1.5	—	—
Level 4 .....	26.92	4.3	26.92	4.3	—	—
Team assemblers .....	24.96	7.4	24.96	7.4	—	—
Level 3 .....	25.02	7.2	25.02	7.2	—	—
Computer control programmers and operators .....	25.20	7.0	25.20	7.0	—	—
Computer-controlled machine tool operators, metal and plastic .....	22.23	2.2	22.23	2.2	—	—
Machine tool cutting setters, operators, and tenders, metal and plastic .....	21.18	9.6	21.16	9.8	—	—
Level 4 .....	25.25	.9	25.28	.8	—	—
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic .....	20.60	12.2	20.57	12.5	—	—
Level 3 .....	26.55	.4	26.55	.4	—	—
Level 4 .....	26.41	4.4	26.49	4.9	—	—
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic ..	21.34	12.1	21.34	12.1	—	—
Machinists .....	19.46	7.9	19.60	8.0	—	—

See footnotes at end of table.

Table 2. **Civilian workers: Mean hourly earnings<sup>1</sup> for full-time and part-time workers<sup>2</sup> by work levels<sup>3</sup>, Detroit-Ann Arbor-Flint, MI, April 2006** — Continued

Occupation <sup>4</sup> and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)
Machinists—Continued						
Level 7 .....	\$26.70	9.2	\$26.70	9.2	—	—
Multiple machine tool setters, operators, and tenders, metal and plastic .....	20.84	15.7	20.84	15.7	—	—
Level 3 .....	19.53	13.7	19.53	13.7	—	—
Level 4 .....	22.14	16.6	22.14	16.6	—	—
Tool and die makers .....	28.60	2.5	28.60	2.5	—	—
Level 7 .....	29.74	4.5	29.74	4.5	—	—
Welding, soldering, and brazing workers .....	25.52	8.6	25.52	8.6	—	—
Welders, cutters, solderers, and brazers .....	24.34	7.7	24.34	7.7	—	—
Miscellaneous metalworkers and plastic workers .....	24.02	14.4	—	—	—	—
Laundry and dry-cleaning workers .....	9.78	7.4	9.66	9.5	—	—
Level 1 .....	9.09	3.8	8.88	2.6	—	—
Inspectors, testers, sorters, samplers, and weighers .....	19.51	5.5	19.92	5.9	—	—
Level 3 .....	23.21	21.9	23.21	21.9	—	—
Packaging and filling machine operators and tenders .....	13.74	11.6	13.74	11.6	—	—
Painting workers .....	14.78	6.3	—	—	—	—
Miscellaneous production workers .....	18.87	12.5	18.87	12.5	—	—
Level 4 .....	22.73	13.0	22.73	13.0	—	—
<b>Transportation and material moving occupations .....</b>	<b>18.96</b>	<b>4.1</b>	<b>20.28</b>	<b>4.2</b>	<b>\$8.87</b>	<b>3.9</b>
Level 1 .....	9.62	8.3	—	—	—	—
Level 2 .....	14.57	10.5	—	—	—	—
Level 3 .....	18.76	8.9	—	—	—	—
Level 4 .....	19.02	5.2	—	—	—	—
Level 5 .....	17.70	2.8	—	—	—	—
Level 7 .....	31.88	1.3	—	—	—	—
Not able to be leveled .....	22.02	24.0	—	—	—	—
First-line supervisors/managers of helpers, laborers, and material movers, hand .....	23.84	3.8	23.84	3.8	—	—
First-line supervisors/managers of transportation and material-moving machine and vehicle operators .....	19.17	19.8	19.17	19.8	—	—
Bus drivers .....	15.83	.2	15.75	1.9	16.12	6.6
Level 3 .....	15.17	.9	15.06	.5	—	—
Bus drivers, school .....	15.53	.7	15.23	2.0	16.25	7.5
Level 3 .....	15.16	1.0	15.06	.5	—	—
Driver/sales workers and truck drivers .....	16.69	6.5	16.94	5.3	—	—
Level 3 .....	19.89	4.5	19.89	4.5	—	—
Level 4 .....	19.06	4.4	19.06	4.4	—	—
Driver/sales workers .....	13.27	24.4	13.93	21.3	—	—
Truck drivers, heavy and tractor-trailer .....	18.20	2.3	18.20	2.3	—	—
Level 4 .....	18.76	4.1	18.76	4.1	—	—
Truck drivers, light or delivery services .....	17.11	18.7	17.11	18.7	—	—
Industrial truck and tractor operators .....	19.35	14.3	19.35	14.3	—	—
Level 3 .....	17.72	17.3	17.72	17.3	—	—
Laborers and material movers, hand .....	13.04	12.7	14.59	14.6	8.08	3.1
Level 1 .....	9.17	2.9	10.03	4.3	7.68	5.5
Level 2 .....	15.74	13.1	17.10	13.6	9.67	3.0
Level 3 .....	22.32	7.7	22.32	7.7	—	—
Laborers and freight, stock, and material movers, hand .....	13.64	12.5	15.82	11.3	8.14	3.1
Level 1 .....	9.21	3.2	10.40	2.3	7.67	6.0
Level 2 .....	15.85	17.0	17.83	16.8	9.67	3.0
Level 3 .....	21.64	6.0	21.64	6.0	—	—
Packers and packagers, hand .....	10.17	9.4	10.53	11.7	—	—
Level 1 .....	8.51	2.5	—	—	—	—

<sup>1</sup> Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, holidays, nonproduction bonuses, and tips. The mean is computed by totaling the pay of all workers and dividing by the number of workers, weighted by hours. See appendix A for more information.

<sup>2</sup> Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Therefore, a worker with a 35-hour-per-week schedule might be considered a full-time employee in one establishment, but classified as part-time in another firm, where a 40-hour week is the minimum full-time schedule.

<sup>3</sup> Each occupation for which data are collected in an establishment is evaluated based on four factors, including knowledge, job controls and complexity, contacts, and physical environment. The knowledge factor is tailored to 24 families of closely related jobs. Points are assigned based on the

occupation's rank within each factor. The points are summed to determine the overall level of the occupation. See appendix A for more information.

<sup>4</sup> Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. See appendix B for more information.

<sup>5</sup> The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see appendix A.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria. Overall occupational groups may include data for categories not shown separately.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

Table 3. Private industry workers: Mean hourly earnings<sup>1</sup> for full-time and part-time workers<sup>2</sup> by work levels<sup>3</sup>, Detroit-Ann Arbor-Flint, MI, April 2006

Occupation <sup>4</sup> and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)
<b>All workers</b> .....	\$21.90	4.7	\$23.34	4.3	\$12.40	7.8
<b>Management occupations</b> .....	45.12	5.4	45.12	5.4	—	—
Level 9 .....	30.57	6.3	30.57	6.3	—	—
Level 10 .....	33.42	5.3	33.42	5.3	—	—
Level 11 .....	38.83	7.0	38.83	7.0	—	—
Not able to be leveled .....	42.75	4.4	42.75	4.4	—	—
General and operations managers .....	44.43	16.1	44.43	16.1	—	—
Marketing and sales managers .....	40.92	14.5	40.92	14.5	—	—
Not able to be leveled .....	42.15	17.1	42.15	17.1	—	—
Marketing managers .....	36.75	11.0	36.75	11.0	—	—
Financial managers .....	33.43	13.5	33.43	13.5	—	—
Level 9 .....	27.29	11.1	27.29	11.1	—	—
Industrial production managers .....	43.00	5.1	43.00	5.1	—	—
Level 11 .....	40.83	4.9	40.83	4.9	—	—
Medical and health services managers .....	27.82	12.0	27.82	12.0	—	—
<b>Business and financial operations occupations</b> .....	29.87	9.0	30.01	9.2	—	—
Level 7 .....	22.39	9.3	22.39	9.3	—	—
Level 8 .....	21.76	6.2	21.76	6.2	—	—
Level 9 .....	29.42	3.0	29.71	2.9	—	—
Level 10 .....	31.16	2.7	—	—	—	—
Level 11 .....	40.84	6.1	41.00	6.1	—	—
Level 12 .....	41.92	3.5	41.92	3.5	—	—
Not able to be leveled .....	27.71	28.0	27.71	28.0	—	—
Buyers and purchasing agents .....	26.54	11.5	26.54	11.5	—	—
Human resources, training, and labor relations specialists .....	31.96	15.1	31.96	15.3	—	—
Level 9 .....	25.78	5.4	25.78	5.4	—	—
Management analysts .....	36.27	10.6	36.27	10.6	—	—
Accountants and auditors .....	29.06	14.4	29.06	14.4	—	—
<b>Computer and mathematical science occupations</b> .....	34.63	3.9	34.63	3.9	—	—
Level 8 .....	29.14	8.0	29.14	8.0	—	—
Level 10 .....	36.87	1.2	36.87	1.2	—	—
Level 11 .....	39.65	8.2	39.65	8.2	—	—
Not able to be leveled .....	28.78	2.2	28.78	2.2	—	—
Computer programmers .....	29.38	8.0	29.38	8.0	—	—
Computer software engineers .....	41.40	3.6	41.40	3.6	—	—
Computer support specialists .....	20.53	9.7	20.53	9.7	—	—
Computer systems analysts .....	36.57	3.6	36.57	3.6	—	—
Level 10 .....	36.22	2.8	36.22	2.8	—	—
Network and computer systems administrators .....	31.30	6.7	31.30	6.7	—	—
<b>Architecture and engineering occupations</b> .....	34.08	3.4	34.71	2.3	—	—
Level 7 .....	27.21	6.6	27.21	6.6	—	—
Level 8 .....	29.41	6.5	30.07	8.8	—	—
Level 9 .....	34.80	2.0	34.80	2.0	—	—
Level 11 .....	41.08	1.0	41.08	1.0	—	—
Level 12 .....	42.75	8.0	42.75	8.0	—	—
Not able to be leveled .....	33.58	5.1	33.58	5.1	—	—
Engineers .....	38.26	2.1	38.26	2.1	—	—
Level 9 .....	34.73	1.7	34.73	1.7	—	—
Level 11 .....	41.08	1.0	41.08	1.0	—	—
Level 12 .....	42.75	8.0	42.75	8.0	—	—
Not able to be leveled .....	37.14	4.6	37.14	4.6	—	—
Mechanical engineers .....	33.33	3.3	33.33	3.3	—	—
Level 9 .....	32.70	2.5	32.70	2.5	—	—
Not able to be leveled .....	33.65	4.1	33.65	4.1	—	—
Drafters .....	22.28	9.6	23.96	9.9	—	—
Engineering technicians, except drafters .....	26.01	4.2	26.23	4.1	—	—
Level 7 .....	26.36	11.8	26.36	11.8	—	—
Level 8 .....	30.07	8.8	30.07	8.8	—	—
Mechanical engineering technicians .....	23.71	4.4	24.13	4.2	—	—
<b>Life, physical, and social science occupations</b> .....	21.27	16.9	23.20	20.0	—	—

See footnotes at end of table.

Table 3. Private industry workers: Mean hourly earnings<sup>1</sup> for full-time and part-time workers<sup>2</sup> by work levels<sup>3</sup>, Detroit-Ann Arbor-Flint, MI, April 2006 — Continued

Occupation <sup>4</sup> and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)
<b>Community and social services occupations</b> .....	\$21.73	8.1	\$21.34	9.1	—	—
Social workers .....	21.84	8.9	21.60	9.3	—	—
<b>Legal occupations</b> .....	46.22	11.6	46.22	11.6	—	—
<b>Education, training, and library occupations</b> .....	20.01	18.1	20.01	21.5	\$19.98	25.3
Level 9 .....	26.69	13.9	—	—	—	—
Postsecondary teachers .....	26.43	19.5	—	—	—	—
Teacher assistants .....	10.36	5.1	—	—	—	—
<b>Arts, design, entertainment, sports, and media occupations</b> .....	29.60	11.7	29.13	12.3	—	—
Not able to be leveled .....	31.43	9.6	30.29	10.4	—	—
Writers and editors .....	31.44	4.9	—	—	—	—
<b>Healthcare practitioner and technical occupations</b> .....	36.55	25.7	35.83	24.9	39.21	30.8
Level 4 .....	13.15	4.5	13.15	4.5	—	—
Level 5 .....	20.11	11.8	17.87	4.1	—	—
Level 6 .....	21.18	6.0	21.07	7.1	21.83	1.9
Level 7 .....	25.03	4.4	25.33	5.1	21.95	1.1
Level 8 .....	26.56	3.6	26.23	4.1	—	—
Level 9 .....	28.52	1.7	28.07	.7	29.95	5.6
Level 10 .....	39.63	6.7	36.17	10.6	—	—
Level 11 .....	44.27	10.1	43.63	13.6	—	—
Not able to be leveled .....	56.29	28.1	53.84	31.6	—	—
Physicians and surgeons .....	96.01	15.3	89.00	17.1	—	—
Not able to be leveled .....	82.21	16.9	—	—	—	—
Registered nurses .....	28.67	1.2	28.71	.5	28.59	4.5
Level 8 .....	—	—	28.73	3.4	—	—
Level 9 .....	28.58	.8	28.51	.5	28.80	2.1
Level 11 .....	51.14	22.2	48.27	30.6	—	—
Therapists .....	29.01	16.9	23.07	1.2	—	—
Respiratory therapists .....	23.02	1.3	—	—	—	—
Clinical laboratory technologists and technicians .....	22.36	2.7	22.59	4.1	—	—
Medical and clinical laboratory technologists .....	24.67	4.4	24.81	3.9	—	—
Diagnostic related technologists and technicians .....	—	—	24.07	4.4	—	—
Level 6 .....	21.69	1.0	—	—	—	—
Radiologic technologists and technicians .....	23.78	3.0	23.90	3.8	—	—
Health diagnosing and treating practitioner support technicians .....	15.84	3.9	15.84	3.9	—	—
Pharmacy technicians .....	13.71	6.5	13.71	6.5	—	—
Licensed practical and licensed vocational nurses .....	22.18	3.6	22.45	3.8	20.76	5.6
Level 5 .....	19.31	2.5	19.72	2.3	—	—
Level 6 .....	22.72	3.7	—	—	—	—
<b>Healthcare support occupations</b> .....	11.86	4.5	11.64	4.1	13.23	9.6
Level 2 .....	11.25	4.4	11.44	5.1	10.13	2.2
Level 3 .....	10.94	2.3	10.93	2.9	11.03	8.3
Level 4 .....	14.29	10.1	13.46	5.8	—	—
Nursing, psychiatric, and home health aides .....	11.11	4.5	10.80	2.6	14.06	20.0
Level 2 .....	11.30	4.6	11.44	5.1	—	—
Level 3 .....	10.45	2.5	10.46	2.8	10.41	14.1
Level 4 .....	14.13	14.2	11.86	4.9	—	—
Home health aides .....	10.00	3.4	10.09	3.4	—	—
Level 3 .....	9.86	4.5	—	—	—	—
Nursing aides, orderlies, and attendants .....	12.56	7.1	11.81	3.0	18.23	29.7
Level 2 .....	11.39	5.1	11.44	5.1	—	—
Level 3 .....	12.40	2.0	12.33	2.1	12.92	3.4
Miscellaneous healthcare support occupations .....	13.54	3.1	13.88	2.5	12.28	9.6
Level 3 .....	12.49	6.1	12.67	6.6	—	—
Level 4 .....	14.45	7.0	—	—	—	—
Medical assistants .....	12.48	9.1	11.98	4.5	—	—
<b>Protective service occupations</b> .....	11.73	6.8	—	—	10.47	8.7
Security guards and gaming surveillance officers .....	11.77	7.2	—	—	—	—

See footnotes at end of table.



Table 3. Private industry workers: Mean hourly earnings<sup>1</sup> for full-time and part-time workers<sup>2</sup> by work levels<sup>3</sup>, Detroit-Ann Arbor-Flint, MI, April 2006 — Continued

Occupation <sup>4</sup> and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)
Security guards .....	\$11.77	7.2	—	—	—	—
<b>Food preparation and serving related occupations</b> .....	7.56	5.6	\$8.92	7.5	\$6.53	3.4
Level 1 .....	6.97	1.9	—	—	6.94	2.2
Level 2 .....	6.30	13.3	7.59	19.8	5.45	4.0
Level 3 .....	9.15	3.1	9.45	2.9	8.57	4.8
Level 4 .....	11.57	10.6	11.68	10.2	—	—
First-line supervisors/managers, food preparation and serving workers .....	13.35	5.8	13.39	5.7	—	—
First-line supervisors/managers of food preparation and serving workers .....	13.04	6.0	13.07	5.9	—	—
Cooks .....	9.97	4.5	10.27	8.5	—	—
Level 3 .....	10.08	6.8	10.17	8.9	—	—
Cooks, institution and cafeteria .....	11.78	4.3	11.78	4.3	—	—
Cooks, restaurant .....	9.80	4.9	—	—	—	—
Food preparation workers .....	8.91	.8	—	—	8.96	1.2
Food service, tipped .....	3.70	12.8	4.05	16.2	3.48	12.0
Level 2 .....	3.32	4.6	3.57	7.5	3.17	7.3
Bartenders .....	5.41	15.4	—	—	—	—
Waiters and waitresses .....	3.27	7.7	—	—	3.16	13.2
Level 2 .....	3.17	3.8	—	—	3.00	9.1
Fast food and counter workers .....	7.18	4.5	8.14	6.2	6.75	2.1
Level 1 .....	6.73	.7	—	—	6.66	1.6
Level 2 .....	7.65	13.4	9.78	7.4	6.58	4.9
Level 3 .....	8.36	14.0	—	—	—	—
Combined food preparation and serving workers, including fast food .....	7.18	3.3	8.01	6.0	6.80	1.1
Level 1 .....	6.78	.9	—	—	6.74	.5
Level 2 .....	7.65	13.4	—	—	6.52	4.5
Counter attendants, cafeteria, food concession, and coffee shop .....	7.17	19.2	—	—	—	—
Food servers, nonrestaurant .....	10.30	10.5	—	—	9.47	14.6
Level 1 .....	9.30	14.5	—	—	9.26	16.4
Hosts and hostesses, restaurant, lounge, and coffee shop .....	8.16	3.5	—	—	7.48	5.4
Level 2 .....	8.04	10.9	—	—	—	—
<b>Building and grounds cleaning and maintenance occupations</b> .....	10.88	4.7	11.85	6.5	8.55	2.3
Level 1 .....	8.95	4.2	9.82	9.2	8.27	.8
Level 2 .....	12.33	7.9	12.63	8.9	10.32	5.2
Level 3 .....	11.51	5.3	11.51	5.3	—	—
Not able to be leveled .....	13.32	13.5	13.77	14.1	—	—
Building cleaning workers .....	10.98	5.1	12.18	6.6	8.54	2.4
Level 1 .....	8.97	4.4	10.09	9.4	8.24	.9
Level 2 .....	12.82	8.2	13.26	9.5	—	—
Level 3 .....	11.19	6.4	11.19	6.4	—	—
Not able to be leveled .....	13.32	13.5	13.77	14.1	—	—
Janitors and cleaners, except maids and housekeeping cleaners .....	10.98	4.5	12.45	6.5	8.54	2.5
Level 1 .....	8.96	4.0	10.90	9.8	8.22	1.0
Level 2 .....	12.57	10.1	13.14	11.4	—	—
Level 3 .....	11.19	6.4	11.19	6.4	—	—
Not able to be leveled .....	13.77	14.1	13.77	14.1	—	—
Maids and housekeeping cleaners .....	10.96	15.7	11.28	16.8	8.51	2.9
Level 1 .....	8.93	11.1	—	—	8.77	3.5
<b>Personal care and service occupations</b> .....	10.51	4.5	—	—	9.13	5.3
Level 1 .....	8.10	4.0	—	—	8.00	4.7
Level 3 .....	8.28	19.3	8.04	23.4	—	—
Miscellaneous entertainment attendants and related workers .....	8.00	4.3	—	—	8.00	4.3
Level 1 .....	8.00	4.7	—	—	8.00	4.7
Child care workers .....	9.42	2.5	—	—	—	—
<b>Sales and related occupations</b> .....	17.59	15.8	20.35	15.0	8.52	5.0

See footnotes at end of table.

Table 3. Private industry workers: Mean hourly earnings<sup>1</sup> for full-time and part-time workers<sup>2</sup> by work levels<sup>3</sup>, Detroit-Ann Arbor-Flint, MI, April 2006 — Continued

Occupation <sup>4</sup> and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)
<b>Sales and related occupations —Continued</b>						
Level 1 .....	\$8.16	1.5	—	—	\$7.97	2.7
Level 2 .....	9.95	2.2	\$11.36	1.0	8.77	1.8
Level 3 .....	8.50	6.8	—	—	8.05	8.6
Level 4 .....	14.58	2.8	15.05	3.2	—	—
Level 5 .....	24.92	17.5	24.92	17.5	—	—
Level 6 .....	18.82	10.9	18.82	10.9	—	—
Level 7 .....	27.46	14.3	27.50	14.4	—	—
Level 9 .....	37.60	11.0	37.60	11.0	—	—
Not able to be leveled .....	22.73	13.5	23.52	15.7	—	—
First-line supervisors/managers, sales workers .....	22.45	13.1	22.90	12.9	—	—
First-line supervisors/managers of non-retail sales workers .....	26.24	13.5	26.24	13.5	—	—
Retail sales workers .....	11.33	15.4	13.43	22.4	8.17	4.3
Level 2 .....	9.86	3.0	11.27	1.1	8.61	1.6
Level 3 .....	8.07	3.7	—	—	7.70	7.1
Level 4 .....	15.93	1.0	16.28	2.4	—	—
Cashiers, all workers .....	9.08	1.5	9.34	3.1	8.58	1.4
Level 2 .....	10.36	2.5	11.27	1.1	8.82	2.8
Cashiers .....	9.08	1.5	9.34	3.1	8.58	1.4
Level 2 .....	10.36	2.5	11.27	1.1	8.82	2.8
Retail salespersons .....	10.99	8.5	14.22	12.8	7.73	3.5
Level 3 .....	7.86	2.7	—	—	7.37	6.9
Level 4 .....	16.24	3.2	—	—	—	—
Sales representatives, wholesale and manufacturing .....	30.24	12.7	30.24	12.7	—	—
Not able to be leveled .....	24.62	11.7	24.62	11.7	—	—
Sales representatives, wholesale and manufacturing, except technical and scientific products .....	31.84	14.2	31.84	14.2	—	—
Miscellaneous sales and related workers .....	14.89	36.6	—	—	—	—
<b>Office and administrative support occupations</b>						
Level 1 .....	15.05	2.5	15.59	2.7	11.19	5.9
Level 2 .....	9.40	3.3	—	—	9.31	4.8
Level 3 .....	10.93	3.5	11.27	4.8	—	—
Level 4 .....	12.65	4.9	13.03	4.2	9.79	4.0
Level 5 .....	14.74	3.5	14.81	3.8	—	—
Level 6 .....	17.35	4.8	17.42	4.9	—	—
Level 7 .....	19.69	5.6	19.73	5.9	—	—
Level 8 .....	24.13	3.1	24.13	3.1	—	—
Level 8 .....	24.77	8.0	24.77	8.0	—	—
Not able to be leveled .....	15.99	4.7	15.80	4.8	—	—
First-line supervisors/managers of office and administrative support workers .....	19.19	7.0	19.19	7.0	—	—
Financial clerks .....	14.90	2.8	15.16	3.0	12.83	6.5
Level 2 .....	11.39	5.9	—	—	—	—
Level 3 .....	12.21	3.6	12.50	4.9	—	—
Level 4 .....	13.76	4.6	13.74	5.0	—	—
Level 5 .....	15.25	4.4	15.41	4.2	—	—
Billing and posting clerks and machine operators .....	15.06	4.4	14.69	4.3	—	—
Level 4 .....	14.63	5.9	14.63	5.9	—	—
Bookkeeping, accounting, and auditing clerks .....	17.02	6.3	17.90	6.8	—	—
Tellers .....	12.54	.8	12.71	1.4	—	—
Level 3 .....	12.01	3.3	12.24	6.1	—	—
Customer service representatives .....	16.08	7.5	16.18	8.1	—	—
Level 3 .....	13.01	5.6	13.01	5.6	—	—
Level 4 .....	15.15	4.2	15.15	4.2	—	—
Not able to be leveled .....	13.71	7.9	14.21	7.6	—	—
Interviewers, except eligibility and loan .....	14.05	17.1	—	—	—	—
Receptionists and information clerks .....	11.21	6.9	12.21	9.3	—	—
Level 3 .....	11.60	3.9	—	—	—	—
Production, planning, and expediting clerks .....	21.84	19.1	21.92	19.5	—	—
Shipping, receiving, and traffic clerks .....	16.24	13.1	16.24	13.1	—	—
Level 3 .....	18.06	19.6	18.06	19.6	—	—
Stock clerks and order fillers .....	10.43	1.6	11.63	4.0	8.95	1.9
Level 1 .....	8.78	2.9	—	—	8.68	3.2
Level 2 .....	10.22	8.6	—	—	—	—

See footnotes at end of table.

Table 3. Private industry workers: Mean hourly earnings<sup>1</sup> for full-time and part-time workers<sup>2</sup> by work levels<sup>3</sup>, Detroit-Ann Arbor-Flint, MI, April 2006 — Continued

Occupation <sup>4</sup> and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)
Weighers, measurers, checkers, and samplers, recordkeeping .....	\$13.23	3.0	\$13.23	3.0	—	—
Level 3 .....	15.30	8.1	15.30	8.1	—	—
Secretaries and administrative assistants .....	17.40	9.0	17.50	7.8	—	—
Level 3 .....	—	—	9.81	13.0	—	—
Level 4 .....	15.03	4.0	15.03	4.0	—	—
Level 5 .....	17.07	6.7	17.10	6.7	—	—
Level 6 .....	19.62	9.9	19.62	9.9	—	—
Executive secretaries and administrative assistants .....	22.61	8.7	21.99	8.8	—	—
Medical secretaries .....	14.89	10.1	14.89	10.1	—	—
Secretaries, except legal, medical, and executive .....	14.32	10.5	14.74	8.6	—	—
Level 4 .....	15.35	4.9	15.35	4.9	—	—
Level 5 .....	15.29	7.5	—	—	—	—
Data entry and information processing workers .....	13.82	5.5	14.15	8.2	—	—
Insurance claims and policy processing clerks .....	17.08	3.4	17.55	2.2	—	—
Office clerks, general .....	13.74	4.9	13.87	5.7	\$12.20	1.2
Level 2 .....	12.02	9.6	12.14	10.4	—	—
Level 3 .....	11.61	4.9	11.44	5.2	—	—
Level 4 .....	14.18	3.5	—	—	—	—
Level 5 .....	18.31	11.0	18.31	11.0	—	—
<b>Construction and extraction occupations .....</b>	<b>23.99</b>	<b>2.6</b>	<b>23.99</b>	<b>2.6</b>	<b>—</b>	<b>—</b>
Level 5 .....	19.98	2.8	19.95	2.7	—	—
Level 7 .....	29.40	4.1	29.40	4.1	—	—
First-line supervisors/managers of construction trades and extraction workers .....	28.03	11.4	28.03	11.4	—	—
Construction laborers .....	18.77	6.3	18.77	6.3	—	—
Construction equipment operators .....	27.81	7.7	—	—	—	—
Operating engineers and other construction equipment operators .....	27.81	7.7	—	—	—	—
Electricians .....	32.18	.1	32.18	.1	—	—
Level 7 .....	32.19	.1	32.19	.1	—	—
Pipelayers, plumbers, pipefitters, and steamfitters .....	29.73	3.7	29.73	3.7	—	—
Plumbers, pipefitters, and steamfitters .....	29.73	3.7	29.73	3.7	—	—
Level 7 .....	29.73	3.7	29.73	3.7	—	—
Miscellaneous construction and related workers .....	15.34	13.4	15.34	13.4	—	—
<b>Installation, maintenance, and repair occupations .....</b>	<b>21.04</b>	<b>6.7</b>	<b>21.23</b>	<b>6.5</b>	<b>—</b>	<b>—</b>
Level 5 .....	15.80	12.5	15.81	12.5	—	—
Level 6 .....	29.27	5.7	29.27	5.7	—	—
Level 7 .....	26.40	5.0	26.40	5.0	—	—
Level 8 .....	31.21	14.9	31.21	14.9	—	—
Not able to be leveled .....	16.64	17.9	17.38	16.3	—	—
First-line supervisors/managers of mechanics, installers, and repairers .....	32.22	5.7	32.22	5.7	—	—
Automotive technicians and repairers .....	14.37	10.3	14.37	10.3	—	—
Bus and truck mechanics and diesel engine specialists .....	18.65	8.1	18.65	8.1	—	—
Industrial machinery installation, repair, and maintenance workers .....	26.32	4.2	26.32	4.2	—	—
Level 7 .....	29.31	3.9	29.31	3.9	—	—
Industrial machinery mechanics .....	28.52	2.9	28.52	2.9	—	—
Level 7 .....	29.27	4.7	29.27	4.7	—	—
Maintenance and repair workers, general .....	18.47	18.0	18.47	18.0	—	—
Millwrights .....	31.36	1.4	31.36	1.4	—	—
Level 7 .....	31.26	1.2	31.26	1.2	—	—
<b>Production occupations .....</b>	<b>21.53</b>	<b>3.3</b>	<b>21.65</b>	<b>3.3</b>	<b>12.90</b>	<b>10.3</b>
Level 1 .....	10.50	4.7	10.33	5.1	—	—
Level 2 .....	13.59	2.4	13.68	2.6	—	—
Level 3 .....	22.86	5.3	22.87	5.4	—	—
Level 4 .....	22.86	6.9	22.86	7.0	—	—
Level 5 .....	17.86	7.0	17.86	7.0	—	—
Level 6 .....	21.53	4.1	21.80	5.2	—	—
Level 7 .....	28.72	3.4	28.72	3.4	—	—
Not able to be leveled .....	20.70	13.4	21.39	12.6	—	—

See footnotes at end of table.

Table 3. Private industry workers: Mean hourly earnings<sup>1</sup> for full-time and part-time workers<sup>2</sup> by work levels<sup>3</sup>, Detroit-Ann Arbor-Flint, MI, April 2006 — Continued

Occupation <sup>4</sup> and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)
First-line supervisors/managers of production and operating workers .....	\$25.91	6.9	\$25.91	6.9	—	—
Level 6 .....	21.06	8.4	21.06	8.4	—	—
Level 7 .....	31.06	3.6	31.06	3.6	—	—
Not able to be leveled .....	26.46	16.5	26.46	16.5	—	—
Miscellaneous assemblers and fabricators .....	25.38	3.3	25.38	3.3	—	—
Level 2 .....	15.13	6.9	15.13	6.9	—	—
Level 3 .....	26.73	1.5	26.73	1.5	—	—
Level 4 .....	26.92	4.3	26.92	4.3	—	—
Team assemblers .....	24.96	7.4	24.96	7.4	—	—
Level 3 .....	25.02	7.2	25.02	7.2	—	—
Computer control programmers and operators .....	25.20	7.0	25.20	7.0	—	—
Computer-controlled machine tool operators, metal and plastic .....	22.23	2.2	22.23	2.2	—	—
Machine tool cutting setters, operators, and tenders, metal and plastic .....	21.18	9.6	21.16	9.8	—	—
Level 4 .....	25.25	.9	25.28	.8	—	—
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic .....	20.60	12.2	20.57	12.5	—	—
Level 3 .....	26.55	.4	26.55	.4	—	—
Level 4 .....	26.41	4.4	26.49	4.9	—	—
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic ..	21.34	12.1	21.34	12.1	—	—
Machinists .....	19.46	7.9	19.60	8.0	—	—
Level 7 .....	26.70	9.2	26.70	9.2	—	—
Multiple machine tool setters, operators, and tenders, metal and plastic .....	20.84	15.7	20.84	15.7	—	—
Level 3 .....	19.53	13.7	19.53	13.7	—	—
Level 4 .....	22.14	16.6	22.14	16.6	—	—
Tool and die makers .....	28.60	2.5	28.60	2.5	—	—
Level 7 .....	29.74	4.5	29.74	4.5	—	—
Welding, soldering, and brazing workers .....	25.52	8.6	25.52	8.6	—	—
Welders, cutters, solderers, and brazers .....	24.34	7.7	24.34	7.7	—	—
Miscellaneous metalworkers and plastic workers .....	24.02	14.4	—	—	—	—
Laundry and dry-cleaning workers .....	9.77	7.4	9.65	9.6	—	—
Level 1 .....	9.08	3.8	8.87	2.5	—	—
Inspectors, testers, sorters, samplers, and weighers .....	19.51	5.5	19.92	5.9	—	—
Level 3 .....	23.21	21.9	23.21	21.9	—	—
Packaging and filling machine operators and tenders .....	13.74	11.6	13.74	11.6	—	—
Painting workers .....	14.78	6.3	—	—	—	—
Miscellaneous production workers .....	18.87	12.5	18.87	12.5	—	—
Level 4 .....	22.73	13.0	22.73	13.0	—	—
<b>Transportation and material moving occupations .....</b>	<b>19.19</b>	<b>4.4</b>	<b>20.58</b>	<b>4.5</b>	<b>\$8.35</b>	<b>4.5</b>
Level 1 .....	9.62	8.3	10.53	11.4	7.57	4.2
Level 2 .....	14.52	13.2	15.74	13.3	8.90	8.4
Level 3 .....	19.13	9.7	19.13	9.7	—	—
Level 4 .....	19.04	5.4	19.06	5.4	—	—
Level 5 .....	17.60	3.1	17.60	3.1	—	—
Level 7 .....	31.88	1.3	31.88	1.3	—	—
Not able to be leveled .....	22.02	24.0	22.02	24.0	—	—
First-line supervisors/managers of helpers, laborers, and material movers, hand .....	23.84	3.8	23.84	3.8	—	—
First-line supervisors/managers of transportation and material-moving machine and vehicle operators .....	19.17	19.8	19.17	19.8	—	—
Driver/sales workers and truck drivers .....	16.75	6.9	17.01	5.6	—	—
Level 3 .....	19.89	4.5	19.89	4.5	—	—
Level 4 .....	19.06	4.4	19.06	4.4	—	—
Driver/sales workers .....	13.27	24.4	13.93	21.3	—	—
Truck drivers, heavy and tractor-trailer .....	18.36	2.2	18.36	2.2	—	—
Level 4 .....	18.76	4.1	18.76	4.1	—	—
Truck drivers, light or delivery services .....	17.33	20.1	17.33	20.1	—	—
Industrial truck and tractor operators .....	19.35	14.3	19.35	14.3	—	—
Level 3 .....	17.72	17.3	17.72	17.3	—	—
Laborers and material movers, hand .....	13.03	12.8	14.60	14.8	8.08	3.1
Level 1 .....	9.17	2.9	10.03	4.3	7.68	5.5

See footnotes at end of table.

**Table 3. Private industry workers: Mean hourly earnings<sup>1</sup> for full-time and part-time workers<sup>2</sup> by work levels<sup>3</sup>, Detroit-Ann Arbor-Flint, MI, April 2006 — Continued**

Occupation <sup>4</sup> and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)
Laborers and material movers, hand—Continued						
Level 2 .....	\$15.79	13.4	\$17.21	14.0	\$9.67	3.0
Level 3 .....	22.32	7.7	22.32	7.7	—	—
Laborers and freight, stock, and material movers, hand .....	13.64	12.7	15.84	11.4	8.14	3.1
Level 1 .....	9.21	3.2	10.40	2.3	7.67	6.0
Level 2 .....	15.91	17.5	18.02	17.2	9.67	3.0
Level 3 .....	21.64	6.0	21.64	6.0	—	—
Packers and packagers, hand .....	10.17	9.4	10.53	11.7	—	—
Level 1 .....	8.51	2.5	—	—	—	—

<sup>1</sup> Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, holidays, nonproduction bonuses, and tips. The mean is computed by totaling the pay of all workers and dividing by the number of workers, weighted by hours. See appendix A for more information.

<sup>2</sup> Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Therefore, a worker with a 35-hour-per-week schedule might be considered a full-time employee in one establishment, but classified as part-time in another firm, where a 40-hour week is the minimum full-time schedule.

<sup>3</sup> Each occupation for which data are collected in an establishment is evaluated based on four factors, including knowledge, job controls and complexity, contacts, and physical environment. The knowledge factor is tailored to 24 families of closely related jobs. Points are assigned based on the

occupation's rank within each factor. The points are summed to determine the overall level of the occupation. See appendix A for more information.

<sup>4</sup> Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. See appendix B for more information.

<sup>5</sup> The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see appendix A.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria. Overall occupational groups may include data for categories not shown separately.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

Table 4. State and local government workers: Mean hourly earnings<sup>1</sup> for full-time and part-time workers<sup>2</sup> by work levels<sup>3</sup>, Detroit-Ann Arbor-Flint, MI, April 2006

Occupation <sup>4</sup> and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)
<b>All workers</b> .....	\$26.57	1.2	\$27.46	1.1	\$15.24	9.4
<b>Management occupations</b> .....	43.94	6.7	44.00	6.9	—	—
Level 11 .....	37.06	9.1	37.06	9.1	—	—
Not able to be leveled .....	52.50	11.4	52.95	11.0	—	—
Education administrators .....	55.88	11.7	55.88	11.7	—	—
<b>Business and financial operations occupations</b> .....	27.18	5.5	26.66	5.0	—	—
<b>Life, physical, and social science occupations</b> .....	17.59	13.2	17.72	13.3	—	—
<b>Community and social services occupations</b> .....	27.63	18.2	27.76	18.5	—	—
Level 9 .....	33.98	15.5	33.98	15.5	—	—
Counselors .....	29.57	32.9	29.57	32.9	—	—
Educational, vocational, and school counselors .....	29.57	32.9	29.57	32.9	—	—
Social workers .....	32.44	21.0	32.52	21.0	—	—
Mental health and substance abuse social workers .....	22.90	.0	22.98	.0	—	—
<b>Education, training, and library occupations</b> .....	42.89	4.7	45.19	4.2	22.13	11.2
Level 2 .....	13.74	16.6	13.88	17.7	—	—
Level 6 .....	32.82	29.1	33.15	32.4	—	—
Level 7 .....	15.78	7.0	—	—	—	—
Level 8 .....	44.95	.3	46.21	.2	—	—
Level 9 .....	47.44	2.1	49.87	.6	—	—
Level 11 .....	47.08	5.3	47.02	5.4	—	—
Postsecondary teachers .....	52.12	17.4	56.00	10.5	31.57	4.1
Level 11 .....	49.36	9.0	—	—	—	—
Miscellaneous postsecondary teachers .....	42.06	14.1	—	—	—	—
Primary, secondary, and special education school teachers .....	45.81	3.3	47.69	1.5	20.11	6.0
Level 6 .....	38.08	20.0	—	—	—	—
Level 8 .....	46.37	3.3	47.28	2.5	—	—
Level 9 .....	47.32	4.5	49.34	1.4	—	—
Preschool and kindergarten teachers .....	38.85	9.3	42.45	6.8	—	—
Kindergarten teachers, except special education .....	39.61	2.4	—	—	—	—
Elementary and middle school teachers .....	45.81	4.3	48.46	1.9	19.91	10.2
Level 8 .....	46.72	2.1	48.13	.9	—	—
Level 9 .....	47.37	8.0	50.54	3.0	—	—
Elementary school teachers, except special education .....	45.31	2.9	48.35	.2	19.91	10.2
Level 8 .....	46.61	1.1	48.43	.2	—	—
Level 9 .....	46.84	6.6	50.36	1.0	—	—
Middle school teachers, except special and vocational education .....	49.07	11.0	49.07	11.0	—	—
Secondary school teachers .....	46.33	2.3	46.33	2.3	—	—
Level 8 .....	47.35	5.1	47.35	5.1	—	—
Level 9 .....	47.00	1.6	47.00	1.6	—	—
Secondary school teachers, except special and vocational education .....	46.33	2.3	46.33	2.3	—	—
Level 8 .....	47.35	5.1	47.35	5.1	—	—
Level 9 .....	47.00	1.6	47.00	1.6	—	—
Special education teachers .....	47.84	5.1	47.84	5.1	—	—
Level 9 .....	46.83	9.9	46.83	9.9	—	—
Special education teachers, preschool, kindergarten, and elementary school .....	48.38	6.5	48.38	6.5	—	—
Level 9 .....	47.15	12.0	47.15	12.0	—	—
Other teachers and instructors .....	36.43	33.7	—	—	19.91	8.0
Adult literacy, remedial education, and GED teachers and instructors .....	40.26	31.8	—	—	—	—
Librarians .....	22.20	6.0	22.77	6.7	—	—
Teacher assistants .....	13.53	9.1	14.00	12.4	—	—
Level 2 .....	13.74	16.6	13.88	17.7	—	—
<b>Healthcare practitioner and technical occupations</b> .....	28.75	9.4	28.96	9.6	22.78	11.1
Level 9 .....	27.13	1.3	27.16	1.4	—	—
Registered nurses .....	26.98	1.1	27.21	.6	—	—

See footnotes at end of table.

Table 4. State and local government workers: Mean hourly earnings<sup>1</sup> for full-time and part-time workers<sup>2</sup> by work levels<sup>3</sup>, Detroit-Ann Arbor-Flint, MI, April 2006 — Continued

Occupation <sup>4</sup> and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)
Registered nurses—Continued						
Level 9 .....	\$27.40	1.1	\$27.40	1.1	—	—
<b>Healthcare support occupations</b> .....	16.18	8.2	—	—	—	—
<b>Protective service occupations</b> .....	21.60	2.3	22.04	2.3	\$9.77	2.0
Level 1 .....	8.32	12.7	—	—	—	—
Level 2 .....	11.75	12.3	—	—	—	—
Level 5 .....	19.13	2.6	—	—	—	—
Level 6 .....	19.69	3.5	19.69	3.5	—	—
Level 7 .....	23.25	3.8	23.25	3.8	—	—
Level 8 .....	25.05	2.8	25.05	2.8	—	—
Fire fighters .....	19.46	3.0	19.46	3.0	—	—
Bailiffs, correctional officers, and jailers .....	21.10	1.0	21.10	1.0	—	—
Correctional officers and jailers .....	21.10	1.0	21.10	1.0	—	—
Police officers .....	24.86	1.5	24.86	1.5	—	—
Level 7 .....	25.09	2.8	25.09	2.8	—	—
Level 8 .....	24.74	1.7	24.74	1.7	—	—
Police and sheriff's patrol officers .....	24.86	1.5	24.86	1.5	—	—
Level 7 .....	25.09	2.8	25.09	2.8	—	—
Level 8 .....	24.74	1.7	24.74	1.7	—	—
Miscellaneous protective service workers .....	11.62	10.1	12.43	11.6	8.77	11.4
Level 1 .....	8.32	12.7	—	—	—	—
Crossing guards .....	8.47	16.8	—	—	8.47	16.8
<b>Food preparation and serving related occupations</b> .....	10.23	12.7	11.85	2.2	9.77	17.7
Level 1 .....	8.51	5.1	—	—	7.96	3.3
Fast food and counter workers .....	10.13	1.1	—	—	—	—
Combined food preparation and serving workers, including fast food .....	10.58	2.4	—	—	—	—
<b>Building and grounds cleaning and maintenance occupations</b> .....	15.68	2.8	15.91	2.6	10.69	12.9
Level 1 .....	14.34	11.2	—	—	—	—
Level 2 .....	14.71	3.2	14.71	3.2	—	—
Level 3 .....	16.90	5.9	17.83	4.2	—	—
Building cleaning workers .....	15.42	3.9	15.58	3.8	—	—
Level 1 .....	14.59	10.0	—	—	—	—
Level 2 .....	14.71	4.3	14.71	4.4	—	—
Level 3 .....	16.99	3.6	17.50	5.5	—	—
Janitors and cleaners, except maids and housekeeping cleaners .....	15.43	3.6	15.49	3.9	—	—
Level 2 .....	14.74	4.4	14.73	4.5	—	—
Level 3 .....	16.89	4.0	17.40	5.9	—	—
Grounds maintenance workers .....	16.00	.4	16.57	8.5	—	—
Landscaping and groundskeeping workers .....	16.00	.4	16.57	8.5	—	—
<b>Personal care and service occupations</b> .....	12.14	12.8	—	—	9.28	5.9
Level 1 .....	8.20	7.6	—	—	8.20	7.6
Level 2 .....	10.43	1.7	—	—	12.05	11.2
Child care workers .....	11.78	14.1	—	—	9.25	6.3
Level 1 .....	8.19	7.8	—	—	8.19	7.8
Level 2 .....	10.28	.1	—	—	11.86	12.1
<b>Office and administrative support occupations</b> .....	17.07	2.8	17.34	2.8	10.03	5.3
Level 1 .....	10.51	21.0	—	—	8.38	6.4
Level 2 .....	11.48	8.0	—	—	9.63	11.9
Level 3 .....	14.80	10.6	16.78	9.5	11.44	16.8
Level 4 .....	16.00	1.2	16.00	1.2	—	—
Level 5 .....	17.07	6.3	17.07	6.3	—	—
Financial clerks .....	18.48	5.4	18.48	5.4	—	—
Library assistants, clerical .....	11.93	8.9	—	—	9.78	10.6
Level 3 .....	11.89	13.7	—	—	—	—
Secretaries and administrative assistants .....	18.36	5.8	18.47	5.7	—	—
Level 4 .....	16.01	4.3	16.01	4.3	—	—
Level 5 .....	15.99	7.4	15.99	7.4	—	—

See footnotes at end of table.

Table 4. **State and local government workers: Mean hourly earnings<sup>1</sup> for full-time and part-time workers<sup>2</sup> by work levels<sup>3</sup>, Detroit-Ann Arbor-Flint, MI, April 2006** — Continued

Occupation <sup>4</sup> and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)
Executive secretaries and administrative assistants .....	\$26.80	5.5	\$26.80	5.5	—	—
Secretaries, except legal, medical, and executive .....	15.94	1.4	16.04	1.9	—	—
Level 4 .....	15.92	4.2	15.92	4.2	—	—
Office clerks, general .....	15.49	2.3	15.69	2.2	\$8.74	5.0
Level 4 .....	15.51	2.4	15.51	2.4	—	—
<b>Construction and extraction occupations</b> .....	24.44	7.2	24.44	7.2	—	—
Construction and building inspectors .....	27.32	5.8	27.32	5.8	—	—
<b>Installation, maintenance, and repair occupations</b> .....	21.41	2.5	21.41	2.5	—	—
<b>Transportation and material moving occupations</b> .....	15.66	.5	15.72	1.9	15.29	8.5
Level 2 .....	14.81	2.0	14.88	.2	—	—
Level 3 .....	15.58	2.5	15.61	5.6	—	—
Bus drivers .....	15.80	.1	15.75	1.9	16.04	7.9
Level 3 .....	15.17	.9	15.06	.5	—	—
Bus drivers, school .....	15.47	.7	15.23	2.0	16.18	9.2
Level 3 .....	15.16	1.0	15.06	.5	—	—

<sup>1</sup> Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, holidays, nonproduction bonuses, and tips. The mean is computed by totaling the pay of all workers and dividing by the number of workers, weighted by hours. See appendix A for more information.

<sup>2</sup> Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Therefore, a worker with a 35-hour-per-week schedule might be considered a full-time employee in one establishment, but classified as part-time in another firm, where a 40-hour week is the minimum full-time schedule.

<sup>3</sup> Each occupation for which data are collected in an establishment is evaluated based on four factors, including knowledge, job controls and complexity, contacts, and physical environment. The knowledge factor is tailored to 24 families of closely related jobs. Points are assigned based on the

occupation's rank within each factor. The points are summed to determine the overall level of the occupation. See appendix A for more information.

<sup>4</sup> Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. See appendix B for more information.

<sup>5</sup> The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see appendix A.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria. Overall occupational groups may include data for categories not shown separately.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.



Table 5. Combined work levels<sup>1</sup> for civilian workers: Mean hourly earnings<sup>2</sup> for full-time and part-time workers<sup>3</sup>, Detroit-Ann Arbor-Flint, MI, April 2006

Occupation <sup>4</sup> and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)
<b>All workers</b> .....	\$22.47	4.1	\$23.87	3.7	\$12.60	7.3
<b>Management occupations</b> .....	45.02	5.1	45.03	5.1	—	—
Group III .....	40.08	4.9	—	—	—	—
General and operations managers .....	44.43	16.1	44.43	16.1	—	—
Marketing and sales managers .....	40.92	14.5	40.92	14.5	—	—
Marketing managers .....	36.75	11.0	36.75	11.0	—	—
Financial managers .....	33.68	12.4	33.68	12.4	—	—
Group III .....	31.35	11.0	31.35	11.0	—	—
Industrial production managers .....	43.00	5.1	43.00	5.1	—	—
Group III .....	41.54	3.9	41.54	3.9	—	—
Education administrators .....	46.65	18.3	46.65	18.3	—	—
Medical and health services managers .....	29.65	8.0	29.65	8.0	—	—
<b>Business and financial operations occupations</b> .....	29.74	8.6	29.85	8.8	—	—
Group II .....	18.97	12.6	—	—	—	—
Group III .....	34.65	4.6	—	—	—	—
Buyers and purchasing agents .....	26.53	11.4	26.53	11.4	—	—
Human resources, training, and labor relations specialists .....	31.45	13.6	31.44	13.8	—	—
Group III .....	35.42	13.3	—	—	—	—
Training and development specialists .....	25.68	5.3	25.68	5.3	—	—
Management analysts .....	36.40	10.2	36.27	10.6	—	—
Group III .....	39.08	6.5	—	—	—	—
Accountants and auditors .....	29.00	13.8	29.00	13.8	—	—
Group II .....	18.50	8.1	18.50	8.1	—	—
<b>Computer and mathematical science occupations</b> .....	34.68	3.9	34.68	3.9	—	—
Group II .....	24.63	8.3	—	—	—	—
Group III .....	38.28	3.4	—	—	—	—
Computer programmers .....	30.27	7.1	30.27	7.1	—	—
Computer software engineers .....	41.40	3.6	41.40	3.6	—	—
Computer support specialists .....	20.53	9.7	20.53	9.7	—	—
Group II .....	19.56	6.9	19.56	6.9	—	—
Computer systems analysts .....	36.57	3.6	36.57	3.6	—	—
Group III .....	37.92	6.0	37.92	6.0	—	—
Network and computer systems administrators .....	31.30	6.7	31.30	6.7	—	—
Group III .....	33.57	5.0	33.57	5.0	—	—
<b>Architecture and engineering occupations</b> .....	33.93	3.4	34.55	2.3	—	—
Group II .....	24.31	6.0	—	—	—	—
Group III .....	38.37	1.5	—	—	—	—
Engineers .....	38.26	2.1	38.26	2.1	—	—
Group III .....	38.59	1.2	—	—	—	—
Mechanical engineers .....	33.33	3.3	33.33	3.3	—	—
Group III .....	34.52	2.7	34.52	2.7	—	—
Drafters .....	22.28	9.6	23.96	9.9	—	—
Group II .....	23.39	15.0	—	—	—	—
Engineering technicians, except drafters .....	25.70	4.3	25.89	4.3	—	—
Group II .....	24.17	6.7	—	—	—	—
Mechanical engineering technicians .....	23.71	4.4	24.13	4.2	—	—
Group II .....	23.86	6.2	24.57	7.0	—	—
<b>Life, physical, and social science occupations</b> .....	19.24	10.3	19.62	11.5	—	—
Group II .....	16.16	4.0	—	—	—	—
Group III .....	28.71	21.8	—	—	—	—
Life scientists .....	20.83	20.7	—	—	—	—
<b>Community and social services occupations</b> .....	24.28	8.4	24.30	9.2	24.05	2.5
Group II .....	19.04	3.4	—	—	—	—
Group III .....	26.85	10.1	—	—	—	—
Counselors .....	26.79	18.5	26.87	20.9	—	—
Educational, vocational, and school counselors .....	26.87	20.9	26.87	20.9	—	—
Social workers .....	24.58	8.0	24.68	8.7	—	—
Group II .....	19.39	5.1	—	—	—	—
Group III .....	25.51	8.7	—	—	—	—

See footnotes at end of table.

Table 5. **Combined work levels<sup>1</sup> for civilian workers: Mean hourly earnings<sup>2</sup> for full-time and part-time workers<sup>3</sup>, Detroit-Ann Arbor-Flint, MI, April 2006** — Continued

Occupation <sup>4</sup> and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)
Child, family, and school social workers .....	\$31.78	25.7	\$31.78	25.7	—	—
Mental health and substance abuse social workers .....	18.93	9.6	18.85	10.5	—	—
Group III .....	18.23	9.8	18.07	10.8	—	—
<b>Legal occupations</b> .....	42.24	11.7	42.24	11.7	—	—
Lawyers .....	50.01	10.5	50.01	10.5	—	—
<b>Education, training, and library occupations</b> .....	37.94	6.8	39.83	7.7	\$21.60	10.8
Group I .....	11.51	5.7	—	—	—	—
Group II .....	37.84	6.4	—	—	—	—
Group III .....	44.43	2.9	—	—	—	—
Postsecondary teachers .....	47.89	17.4	51.34	13.5	31.22	5.9
Group III .....	39.89	11.1	—	—	—	—
Miscellaneous postsecondary teachers .....	36.96	15.9	—	—	—	—
Group III .....	39.99	17.3	—	—	—	—
Primary, secondary, and special education school teachers .....	43.55	3.0	45.15	2.0	22.14	8.8
Group II .....	40.83	3.1	—	—	—	—
Group III .....	46.53	4.9	—	—	—	—
Preschool and kindergarten teachers .....	30.11	19.2	31.08	22.2	—	—
Kindergarten teachers, except special education .....	39.61	2.4	—	—	—	—
Elementary and middle school teachers .....	44.79	4.5	47.19	3.1	19.91	10.2
Group II .....	42.64	5.0	—	—	—	—
Group III .....	47.37	8.0	—	—	—	—
Elementary school teachers, except special education .....	44.16	3.5	46.88	2.9	19.91	10.2
Group II .....	41.82	6.7	43.33	6.7	—	—
Group III .....	46.84	6.6	50.36	1.0	—	—
Middle school teachers, except special and vocational education .....	49.07	11.0	49.07	11.0	—	—
Secondary school teachers .....	42.50	7.3	42.77	7.1	—	—
Group II .....	42.38	6.7	—	—	—	—
Group III .....	42.67	8.9	—	—	—	—
Secondary school teachers, except special and vocational education .....	42.50	7.3	42.77	7.1	—	—
Group II .....	42.38	6.7	42.38	6.7	—	—
Group III .....	42.67	8.9	43.39	8.2	—	—
Special education teachers .....	47.84	5.1	47.84	5.1	—	—
Group III .....	47.84	5.1	—	—	—	—
Special education teachers, preschool, kindergarten, and elementary school .....	48.38	6.5	48.38	6.5	—	—
Group III .....	48.38	6.5	48.38	6.5	—	—
Other teachers and instructors .....	36.43	33.7	—	—	19.91	8.0
Adult literacy, remedial education, and GED teachers and instructors .....	40.26	31.8	—	—	—	—
Librarians .....	22.20	6.0	22.77	6.7	—	—
Group II .....	20.85	4.1	—	—	—	—
Teacher assistants .....	11.65	7.1	11.86	10.1	—	—
Group I .....	11.45	6.2	11.65	9.1	—	—
<b>Arts, design, entertainment, sports, and media occupations</b> .....	29.30	11.4	28.81	12.0	—	—
Writers and editors .....	31.44	4.9	—	—	—	—
<b>Healthcare practitioner and technical occupations</b> .....	35.78	23.7	35.02	22.6	38.93	30.4
Group I .....	13.24	4.5	—	—	—	—
Group II .....	22.92	4.3	—	—	—	—
Group III .....	43.85	26.6	—	—	—	—
Physicians and surgeons .....	87.73	20.7	80.73	22.1	—	—
Registered nurses .....	28.52	1.1	28.53	.4	28.49	4.4
Group II .....	26.32	2.8	26.57	1.5	—	—
Group III .....	29.18	.5	28.96	1.5	29.90	4.8
Therapists .....	30.74	12.9	27.49	10.9	—	—
Group II .....	22.21	3.1	—	—	—	—
Group III .....	34.83	14.4	—	—	—	—
Respiratory therapists .....	23.02	1.3	—	—	—	—

See footnotes at end of table.

Table 5. **Combined work levels<sup>1</sup> for civilian workers: Mean hourly earnings<sup>2</sup> for full-time and part-time workers<sup>3</sup>, Detroit-Ann Arbor-Flint, MI, April 2006** — Continued

Occupation <sup>4</sup> and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)
Clinical laboratory technologists and technicians .....	\$22.55	2.6	\$22.74	4.0	—	—
Group II .....	21.55	3.7	—	—	—	—
Medical and clinical laboratory technologists .....	24.72	4.0	24.82	3.6	—	—
Group II .....	24.03	7.3	24.18	7.0	—	—
Diagnostic related technologists and technicians .....	24.86	4.6	23.69	4.5	—	—
Group II .....	24.86	4.6	—	—	—	—
Radiologic technologists and technicians .....	23.78	3.0	23.90	3.8	—	—
Group II .....	23.78	3.0	23.90	3.8	—	—
Health diagnosing and treating practitioner support technicians .....	15.84	3.8	15.84	3.8	—	—
Group II .....	16.79	4.6	—	—	—	—
Pharmacy technicians .....	13.85	6.5	13.85	6.5	—	—
Licensed practical and licensed vocational nurses .....	21.90	3.5	22.11	3.7	\$20.67	5.4
Group II .....	21.91	3.5	22.11	3.8	20.67	5.4
Medical records and health information technicians .....	17.83	6.0	17.83	6.0	—	—
<b>Healthcare support occupations</b> .....	11.97	4.4	11.78	4.1	13.22	9.5
Group I .....	11.67	5.3	—	—	—	—
Group II .....	15.59	8.5	—	—	—	—
Nursing, psychiatric, and home health aides .....	11.29	4.6	11.01	3.2	14.03	19.8
Group I .....	11.12	4.4	—	—	—	—
Home health aides .....	10.00	3.4	10.09	3.4	—	—
Group I .....	10.00	3.4	10.09	3.4	—	—
Nursing aides, orderlies, and attendants .....	12.56	7.0	11.82	3.0	18.08	29.3
Group I .....	12.56	7.0	11.82	3.0	18.08	29.3
Miscellaneous healthcare support occupations .....	13.53	3.0	13.86	2.4	12.28	9.6
Group I .....	13.24	4.1	—	—	—	—
Medical assistants .....	12.48	9.1	11.98	4.5	—	—
<b>Protective service occupations</b> .....	18.68	7.5	19.47	7.8	10.26	6.5
Group I .....	11.10	3.7	—	—	—	—
Group II .....	22.06	4.0	—	—	—	—
Fire fighters .....	19.46	3.0	19.46	3.0	—	—
Group II .....	19.46	3.0	19.46	3.0	—	—
Bailiffs, correctional officers, and jailers .....	21.10	1.0	21.10	1.0	—	—
Group II .....	21.10	1.0	—	—	—	—
Correctional officers and jailers .....	21.10	1.0	21.10	1.0	—	—
Group II .....	21.10	1.0	21.10	1.0	—	—
Police officers .....	24.86	1.5	24.86	1.5	—	—
Group II .....	24.86	1.5	—	—	—	—
Police and sheriff's patrol officers .....	24.86	1.5	24.86	1.5	—	—
Group II .....	24.86	1.5	24.86	1.5	—	—
Security guards and gaming surveillance officers .....	12.14	8.6	—	—	10.81	8.3
Security guards .....	12.14	8.6	—	—	10.81	8.3
Group I .....	—	—	—	—	10.57	9.3
Miscellaneous protective service workers .....	11.50	9.8	12.43	11.6	8.88	9.1
Group I .....	10.95	10.6	—	—	—	—
Crossing guards .....	8.47	16.8	—	—	8.47	16.8
Group I .....	8.47	16.8	—	—	8.47	16.8
<b>Food preparation and serving related occupations</b> .....	7.62	5.5	8.95	7.4	6.64	3.4
Group I .....	7.38	5.1	—	—	—	—
First-line supervisors/managers, food preparation and serving workers .....	13.35	5.8	13.39	5.7	—	—
First-line supervisors/managers of food preparation and serving workers .....	13.04	6.0	13.07	5.9	—	—
Cooks .....	9.98	4.5	10.29	8.5	—	—
Group I .....	9.98	4.5	—	—	—	—
Cooks, institution and cafeteria .....	11.81	4.2	11.81	4.2	—	—
Group I .....	11.81	4.2	11.81	4.2	—	—
Cooks, restaurant .....	9.80	4.9	—	—	—	—
Group I .....	9.80	4.9	—	—	—	—
Food preparation workers .....	9.11	2.4	—	—	9.18	3.8
Group I .....	9.11	2.4	—	—	9.18	3.8
Food service, tipped .....	3.77	12.8	4.05	16.2	3.59	12.0
Group I .....	3.77	12.8	—	—	—	—

See footnotes at end of table.

Table 5. **Combined work levels<sup>1</sup> for civilian workers: Mean hourly earnings<sup>2</sup> for full-time and part-time workers<sup>3</sup>, Detroit-Ann Arbor-Flint, MI, April 2006** — Continued

Occupation <sup>4</sup> and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)
Bartenders .....	\$5.41	15.4	—	—	—	—
Group I .....	5.41	15.4	—	—	—	—
Waiters and waitresses .....	3.27	7.7	—	—	\$3.16	13.2
Group I .....	3.27	7.7	—	—	3.16	13.2
Fast food and counter workers .....	7.25	4.6	\$8.23	6.0	6.81	2.3
Group I .....	7.25	4.6	—	—	—	—
Combined food preparation and serving workers, including fast food .....	7.25	3.4	8.11	5.8	6.84	1.3
Group I .....	7.25	3.4	8.11	5.8	6.84	1.3
Counter attendants, cafeteria, food concession, and coffee shop .....	7.29	18.2	—	—	6.63	12.2
Group I .....	7.29	18.2	—	—	6.63	12.2
Food servers, nonrestaurant .....	10.52	9.7	—	—	9.88	13.4
Group I .....	10.52	9.7	—	—	9.88	13.4
Hosts and hostesses, restaurant, lounge, and coffee shop .....	8.16	3.5	—	—	7.48	5.4
Group I .....	8.16	3.5	—	—	7.48	5.4
<b>Building and grounds cleaning and maintenance occupations .....</b>	<b>11.79</b>	<b>4.6</b>	<b>12.83</b>	<b>5.7</b>	<b>8.63</b>	<b>2.2</b>
Group I .....	11.53	4.0	—	—	—	—
Building cleaning workers .....	11.77	4.6	12.98	5.4	8.61	2.3
Group I .....	11.57	4.0	—	—	—	—
Janitors and cleaners, except maids and housekeeping cleaners .....	11.86	4.3	13.29	5.1	8.61	2.5
Group I .....	11.66	3.4	13.21	4.2	8.61	2.5
Maids and housekeeping cleaners .....	10.97	15.4	11.29	16.6	8.63	3.6
Group I .....	11.11	16.0	11.29	16.6	8.95	4.8
Grounds maintenance workers .....	11.22	12.4	11.31	12.6	—	—
Group I .....	10.71	13.6	—	—	—	—
Landscaping and groundskeeping workers .....	11.22	12.4	11.31	12.6	—	—
Group I .....	10.71	13.6	10.78	13.8	—	—
<b>Personal care and service occupations .....</b>	<b>10.72</b>	<b>3.9</b>	<b>11.28</b>	<b>4.4</b>	<b>9.17</b>	<b>4.1</b>
Group I .....	8.45	9.6	—	—	—	—
Group II .....	14.63	3.8	—	—	—	—
Miscellaneous entertainment attendants and related workers .....	7.99	4.3	—	—	7.99	4.3
Group I .....	7.99	4.3	—	—	—	—
Child care workers .....	10.43	9.5	11.19	15.3	9.28	4.1
Group I .....	9.15	3.9	9.35	4.3	8.87	5.7
<b>Sales and related occupations .....</b>	<b>17.59</b>	<b>15.8</b>	<b>20.35</b>	<b>15.0</b>	<b>8.52</b>	<b>5.0</b>
Group I .....	10.21	5.1	—	—	—	—
Group II .....	23.83	9.5	—	—	—	—
Group III .....	38.40	6.7	—	—	—	—
First-line supervisors/managers, sales workers .....	22.45	13.1	22.90	12.9	—	—
First-line supervisors/managers of non-retail sales workers .....	26.24	13.5	26.24	13.5	—	—
Retail sales workers .....	11.32	15.4	13.43	22.4	8.17	4.3
Group I .....	9.83	3.6	—	—	—	—
Cashiers, all workers .....	9.08	1.5	9.34	3.1	8.58	1.4
Group I .....	9.08	1.5	—	—	—	—
Cashiers .....	9.08	1.5	9.34	3.1	8.58	1.4
Group I .....	9.08	1.5	9.34	3.1	8.58	1.4
Retail salespersons .....	10.99	8.5	14.22	12.8	7.73	3.5
Group I .....	10.55	2.8	14.02	7.2	7.73	3.7
Sales representatives, wholesale and manufacturing .....	30.24	12.7	30.24	12.7	—	—
Group II .....	25.07	4.0	—	—	—	—
Sales representatives, wholesale and manufacturing, except technical and scientific products .....	31.84	14.2	31.84	14.2	—	—
Group II .....	24.83	5.1	24.83	5.1	—	—
Miscellaneous sales and related workers .....	14.89	36.6	—	—	—	—
<b>Office and administrative support occupations .....</b>	<b>15.31</b>	<b>2.2</b>	<b>15.84</b>	<b>2.4</b>	<b>11.14</b>	<b>5.7</b>
Group I .....	13.07	1.9	—	—	—	—

See footnotes at end of table.

Table 5. Combined work levels<sup>1</sup> for civilian workers: Mean hourly earnings<sup>2</sup> for full-time and part-time workers<sup>3</sup>, Detroit-Ann Arbor-Flint, MI, April 2006 — Continued

Occupation <sup>4</sup> and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)
<b>Office and administrative support occupations</b>						
—Continued						
Group II .....	\$19.36	3.3	—	—	—	—
First-line supervisors/managers of office and administrative support workers .....	19.38	6.7	\$19.38	6.7	—	—
Financial clerks .....	15.07	2.6	15.34	2.8	\$12.83	6.5
Group I .....	13.30	2.2	—	—	—	—
Group II .....	18.38	5.8	—	—	—	—
Billing and posting clerks and machine operators .....	15.13	4.2	14.79	4.0	—	—
Group I .....	14.54	5.5	14.54	5.5	—	—
Group II .....	16.51	1.7	15.45	3.3	—	—
Bookkeeping, accounting, and auditing clerks .....	17.25	5.4	18.04	5.7	—	—
Group I .....	14.40	5.1	14.98	5.4	—	—
Group II .....	20.26	8.1	21.25	6.5	—	—
Tellers .....	12.54	.8	12.71	1.4	—	—
Group I .....	12.29	.8	12.47	2.8	—	—
Customer service representatives .....	16.08	7.5	16.18	8.1	—	—
Group I .....	14.23	4.4	14.23	4.4	—	—
Group II .....	20.78	12.9	21.27	14.6	—	—
Interviewers, except eligibility and loan .....	14.05	17.1	—	—	—	—
Library assistants, clerical .....	11.93	8.9	—	—	9.78	10.6
Group I .....	11.93	8.9	—	—	9.78	10.6
Receptionists and information clerks .....	11.21	6.9	12.21	9.3	—	—
Group I .....	10.70	3.3	11.32	3.3	—	—
Dispatchers .....	16.66	11.0	16.66	11.0	—	—
Production, planning, and expediting clerks .....	21.84	19.1	21.92	19.5	—	—
Group II .....	28.25	2.0	—	—	—	—
Shipping, receiving, and traffic clerks .....	16.24	13.1	16.24	13.1	—	—
Group I .....	16.50	14.1	16.50	14.1	—	—
Stock clerks and order fillers .....	10.43	1.6	11.63	4.0	8.95	1.9
Group I .....	9.65	4.7	10.49	8.3	8.95	1.9
Weighers, measurers, checkers, and samplers, recordkeeping .....	13.23	3.0	13.23	3.0	—	—
Secretaries and administrative assistants .....	17.68	6.5	17.79	5.6	—	—
Group I .....	13.69	8.2	—	—	—	—
Group II .....	19.42	6.4	—	—	—	—
Executive secretaries and administrative assistants .....	23.60	6.8	23.16	6.9	—	—
Group II .....	22.48	8.2	22.48	8.2	—	—
Medical secretaries .....	15.05	8.5	15.05	8.5	—	—
Group I .....	13.59	9.2	13.59	9.2	—	—
Secretaries, except legal, medical, and executive .....	14.90	6.9	15.22	5.5	—	—
Group I .....	13.50	9.2	13.94	7.1	—	—
Group II .....	16.37	5.7	16.39	5.7	—	—
Computer operators .....	15.22	10.0	15.22	10.0	—	—
Data entry and information processing workers .....	13.45	5.3	13.68	6.7	—	—
Group I .....	12.86	3.6	—	—	—	—
Word processors and typists .....	13.86	11.1	14.46	12.3	—	—
Group I .....	12.48	7.2	13.03	11.3	—	—
Insurance claims and policy processing clerks .....	17.25	3.4	17.73	2.2	—	—
Office clerks, general .....	14.29	3.3	14.46	3.9	11.69	4.8
Group I .....	13.39	3.1	13.52	3.5	11.69	4.8
Group II .....	19.22	7.9	19.22	7.9	—	—
<b>Construction and extraction occupations</b> .....	24.05	2.5	24.05	2.5	—	—
Group I .....	17.34	11.4	—	—	—	—
Group II .....	26.56	4.5	—	—	—	—
Group III .....	31.35	5.8	—	—	—	—
First-line supervisors/managers of construction trades and extraction workers .....	27.69	8.9	27.69	8.9	—	—
Group II .....	25.24	.4	25.24	.4	—	—
Construction laborers .....	18.79	6.2	18.79	6.2	—	—
Group I .....	18.71	8.2	18.71	8.2	—	—
Construction equipment operators .....	27.50	7.9	27.56	7.7	—	—
Group II .....	27.73	8.5	—	—	—	—

See footnotes at end of table.

Table 5. **Combined work levels<sup>1</sup> for civilian workers: Mean hourly earnings<sup>2</sup> for full-time and part-time workers<sup>3</sup>, Detroit-Ann Arbor-Flint, MI, April 2006** — Continued

Occupation <sup>4</sup> and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)
Operating engineers and other construction equipment operators .....	\$27.50	7.9	\$27.56	7.7	—	—
Group II .....	27.73	8.5	—	—	—	—
Electricians .....	31.92	.6	31.92	.6	—	—
Group II .....	31.92	.6	31.92	.6	—	—
Pipelayers, plumbers, pipefitters, and steamfitters .....	23.32	14.4	23.32	14.4	—	—
Plumbers, pipefitters, and steamfitters .....	23.32	14.4	23.32	14.4	—	—
Construction and building inspectors .....	27.27	5.3	27.27	5.3	—	—
Miscellaneous construction and related workers .....	15.34	13.4	15.34	13.4	—	—
<b>Installation, maintenance, and repair occupations .....</b>	<b>21.05</b>	<b>6.4</b>	<b>21.24</b>	<b>6.2</b>	—	—
Group I .....	15.57	23.2	—	—	—	—
Group II .....	23.63	6.7	—	—	—	—
First-line supervisors/managers of mechanics, installers, and repairers .....	32.22	5.7	32.22	5.7	—	—
Group II .....	28.56	16.4	28.56	16.4	—	—
Automotive technicians and repairers .....	14.51	10.5	14.51	10.5	—	—
Automotive service technicians and mechanics .....	15.57	11.3	15.57	11.3	—	—
Bus and truck mechanics and diesel engine specialists ...	19.29	6.1	19.29	6.1	—	—
Group II .....	19.68	6.8	19.68	6.8	—	—
Industrial machinery installation, repair, and maintenance workers .....	26.05	4.0	26.05	4.0	—	—
Group I .....	13.61	24.8	—	—	—	—
Group II .....	27.57	2.9	—	—	—	—
Industrial machinery mechanics .....	28.52	2.9	28.52	2.9	—	—
Group II .....	28.81	3.6	28.81	3.6	—	—
Maintenance and repair workers, general .....	19.02	13.8	19.02	13.8	—	—
Group II .....	21.47	6.8	21.47	6.8	—	—
Millwrights .....	31.36	1.4	31.36	1.4	—	—
Group II .....	31.36	1.4	31.36	1.4	—	—
<b>Production occupations .....</b>	<b>21.52</b>	<b>3.2</b>	<b>21.64</b>	<b>3.3</b>	<b>\$12.90</b>	<b>10.3</b>
Group I .....	20.77	4.4	—	—	—	—
Group II .....	23.92	3.2	—	—	—	—
First-line supervisors/managers of production and operating workers .....	25.91	6.9	25.91	6.9	—	—
Group II .....	25.59	4.5	25.59	4.5	—	—
Miscellaneous assemblers and fabricators .....	25.38	3.3	25.38	3.3	—	—
Group I .....	25.49	3.7	—	—	—	—
Team assemblers .....	24.96	7.4	24.96	7.4	—	—
Group I .....	25.36	7.0	25.36	7.0	—	—
Computer control programmers and operators .....	25.20	7.0	25.20	7.0	—	—
Computer-controlled machine tool operators, metal and plastic .....	22.23	2.2	22.23	2.2	—	—
Machine tool cutting setters, operators, and tenders, metal and plastic .....	21.18	9.6	21.16	9.8	—	—
Group I .....	21.20	10.2	—	—	—	—
Group II .....	21.06	5.8	—	—	—	—
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic .....	20.60	12.2	20.57	12.5	—	—
Group I .....	20.78	11.8	20.75	12.1	—	—
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic ..	21.34	12.1	21.34	12.1	—	—
Machinists .....	19.46	7.9	19.60	8.0	—	—
Multiple machine tool setters, operators, and tenders, metal and plastic .....	20.84	15.7	20.84	15.7	—	—
Group I .....	20.73	15.8	20.73	15.8	—	—
Tool and die makers .....	28.60	2.5	28.60	2.5	—	—
Group II .....	28.60	2.5	28.60	2.5	—	—
Welding, soldering, and brazing workers .....	25.52	8.6	25.52	8.6	—	—
Group I .....	27.61	.7	—	—	—	—
Welders, cutters, solderers, and brazers .....	24.34	7.7	24.34	7.7	—	—
Miscellaneous metalworkers and plastic workers .....	24.02	14.4	—	—	—	—
Laundry and dry-cleaning workers .....	9.78	7.4	9.66	9.5	—	—
Group I .....	9.78	7.4	9.66	9.5	—	—
Inspectors, testers, sorters, samplers, and weighers .....	19.51	5.5	19.92	5.9	—	—

See footnotes at end of table.

Table 5. Combined work levels<sup>1</sup> for civilian workers: Mean hourly earnings<sup>2</sup> for full-time and part-time workers<sup>3</sup>, Detroit-Ann Arbor-Flint, MI, April 2006 — Continued

Occupation <sup>4</sup> and level	Total		Full-time workers		Part-time workers	
	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)	Mean	Relative error <sup>5</sup> (percent)
Inspectors, testers, sorters, samplers, and weighers —Continued						
Group I .....	\$18.65	8.1	\$18.65	8.1	—	—
Group II .....	22.29	11.4	22.29	11.4	—	—
Packaging and filling machine operators and tenders .....	13.74	11.6	13.74	11.6	—	—
Painting workers .....	14.78	6.3	—	—	—	—
Group I .....	14.78	6.3	—	—	—	—
Miscellaneous production workers .....	18.87	12.5	18.87	12.5	—	—
Group I .....	19.56	16.3	—	—	—	—
<b>Transportation and material moving occupations .....</b>	<b>18.96</b>	<b>4.1</b>	<b>20.28</b>	<b>4.2</b>	<b>\$8.87</b>	<b>3.9</b>
Group I .....	15.44	6.0	—	—	—	—
Group II .....	17.63	6.9	—	—	—	—
First-line supervisors/managers of helpers, laborers, and material movers, hand .....	23.84	3.8	23.84	3.8	—	—
First-line supervisors/managers of transportation and material-moving machine and vehicle operators .....	19.17	19.8	19.17	19.8	—	—
Bus drivers .....	15.83	.2	15.75	1.9	16.12	6.6
Group I .....	15.80	.3	—	—	—	—
Bus drivers, school .....	15.53	.7	15.23	2.0	16.25	7.5
Group I .....	15.44	.8	15.16	1.5	16.14	8.1
Driver/sales workers and truck drivers .....	16.69	6.5	16.94	5.3	—	—
Group I .....	16.83	8.3	—	—	—	—
Driver/sales workers .....	13.27	24.4	13.93	21.3	—	—
Group I .....	13.03	29.0	—	—	—	—
Truck drivers, heavy and tractor-trailer .....	18.20	2.3	18.20	2.3	—	—
Group I .....	18.79	3.9	18.79	3.9	—	—
Truck drivers, light or delivery services .....	17.11	18.7	17.11	18.7	—	—
Group I .....	17.11	18.7	17.11	18.7	—	—
Industrial truck and tractor operators .....	19.35	14.3	19.35	14.3	—	—
Group I .....	19.35	14.3	19.35	14.3	—	—
Laborers and material movers, hand .....	13.04	12.7	14.59	14.6	8.08	3.1
Group I .....	12.89	13.5	—	—	—	—
Laborers and freight, stock, and material movers, hand .....	13.64	12.5	15.82	11.3	8.14	3.1
Group I .....	13.47	13.7	15.75	12.6	8.14	3.1
Packers and packagers, hand .....	10.17	9.4	10.53	11.7	—	—
Group I .....	10.17	9.4	10.53	11.7	—	—

<sup>1</sup> Combined work levels simplify the presentation of work levels by combining levels 1 through 15 into four broad groups. Group I combines levels 1-4, group II combines levels 5-8, group III combines levels 9-12, and group IV combines levels 13-15.

<sup>2</sup> Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, holidays, nonproduction bonuses, and tips. The mean is computed by totaling the pay of all workers and dividing by the number of workers, weighted by hours. See appendix A for more information.

<sup>3</sup> Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Therefore, a worker with a 35-hour-per-week schedule might be considered a full-time employee in one establishment, but classified as part-time in another firm, where

a 40-hour week is the minimum full-time schedule.

<sup>4</sup> Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. See appendix B for more information.

<sup>5</sup> The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see appendix A.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria. Overall occupational groups may include data for categories not shown separately.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

Table 6. Civilian workers: Hourly wage percentiles<sup>1</sup>, Detroit-Ann Arbor-Flint, MI, April 2006

Occupation <sup>2</sup>	10	25	Median 50	75	90
<b>All workers</b> .....	\$8.50	\$11.80	\$18.32	\$28.24	\$39.81
<b>Management occupations</b> .....	26.23	31.68	43.36	56.97	65.65
General and operations managers .....	19.44	26.44	47.09	57.50	76.92
Marketing and sales managers .....	29.23	31.26	33.17	46.57	51.11
Marketing managers .....	28.85	29.23	32.55	45.04	50.16
Financial managers .....	20.09	25.00	30.58	39.68	48.27
Industrial production managers .....	27.45	32.68	44.23	53.81	55.99
Education administrators .....	22.76	22.76	48.28	61.44	75.00
Medical and health services managers .....	20.02	24.83	31.62	32.31	39.27
<b>Business and financial operations occupations</b> .....	15.27	21.64	28.75	36.62	46.39
Buyers and purchasing agents .....	19.20	20.14	22.41	33.70	39.19
Human resources, training, and labor relations specialists .....	22.12	24.41	28.49	41.47	46.39
Training and development specialists .....	21.38	22.12	25.96	28.80	28.80
Management analysts .....	25.48	30.74	36.00	41.55	48.23
Accountants and auditors .....	15.27	18.99	27.02	34.14	48.61
<b>Computer and mathematical science occupations</b> .....	20.80	28.09	35.00	38.94	46.63
Computer programmers .....	21.88	24.50	30.29	34.50	37.02
Computer software engineers .....	32.60	36.00	38.28	44.36	50.48
Computer support specialists .....	15.87	16.83	18.57	22.72	27.26
Computer systems analysts .....	27.07	30.67	34.86	42.61	48.74
Network and computer systems administrators .....	23.39	25.96	32.45	35.10	35.82
<b>Architecture and engineering occupations</b> .....	18.75	27.47	35.19	40.64	45.99
Engineers .....	27.81	33.19	38.20	42.83	48.71
Mechanical engineers .....	25.50	27.47	33.29	38.92	43.37
Drafters .....	8.56	15.00	22.76	29.78	39.16
Engineering technicians, except drafters .....	16.00	18.86	24.96	32.44	37.05
Mechanical engineering technicians .....	17.00	18.00	20.00	27.63	34.22
<b>Life, physical, and social science occupations</b> .....	12.33	13.12	16.50	21.32	29.32
Life scientists .....	13.22	13.22	18.00	22.99	35.16
<b>Community and social services occupations</b> .....	16.30	17.50	20.40	26.02	29.81
Counselors .....	17.41	17.50	17.50	26.02	58.75
Educational, vocational, and school counselors .....	17.41	17.50	17.50	28.53	58.75
Social workers .....	16.98	18.87	21.27	28.77	29.81
Child, family, and school social workers .....	17.29	18.87	23.88	55.26	55.82
Mental health and substance abuse social workers .....	13.96	16.98	16.98	21.27	24.65
<b>Legal occupations</b> .....	19.75	27.16	42.72	53.17	62.98
Lawyers .....	30.64	42.48	52.22	57.69	66.35
<b>Education, training, and library occupations</b> .....	12.25	22.44	39.74	49.67	60.36
Postsecondary teachers .....	31.04	33.07	44.59	49.67	79.33
Miscellaneous postsecondary teachers .....	15.29	31.04	31.04	44.34	53.58
Primary, secondary, and special education school teachers .....	21.73	33.53	45.91	55.26	60.36
Preschool and kindergarten teachers .....	15.52	17.43	18.44	40.22	56.54
Kindergarten teachers, except special education .....	18.34	34.12	40.22	50.57	56.54
Elementary and middle school teachers .....	22.02	36.56	47.30	55.26	60.89
Elementary school teachers, except special education .....	21.66	33.59	47.45	55.26	60.36
Middle school teachers, except special and vocational education .....	36.80	43.83	44.78	61.53	65.59
Secondary school teachers .....	27.32	32.99	43.71	49.55	58.96
Secondary school teachers, except special and vocational education .....	27.32	32.99	43.71	49.55	58.96
Special education teachers .....	31.81	44.15	47.50	55.26	56.99
Special education teachers, preschool, kindergarten, and elementary school .....	30.99	39.49	53.16	55.26	56.99
Other teachers and instructors .....	13.79	25.62	32.18	40.77	68.71
Adult literacy, remedial education, and GED teachers and instructors .....	25.62	29.07	33.95	55.02	69.05
Librarians .....	19.85	19.85	20.29	24.90	27.69
Teacher assistants .....	9.00	9.75	12.08	12.71	14.33

See footnotes at end of table.



Table 6. Civilian workers: Hourly wage percentiles<sup>1</sup>, Detroit-Ann Arbor-Flint, MI, April 2006 — Continued

Occupation <sup>2</sup>	10	25	Median 50	75	90
<b>Arts, design, entertainment, sports, and media occupations</b> .....	\$15.79	\$18.27	\$30.72	\$36.59	\$45.91
Writers and editors .....	24.69	30.72	31.13	32.82	41.51
<b>Healthcare practitioner and technical occupations</b> .....	17.25	21.70	27.31	31.32	64.69
Physicians and surgeons .....	22.55	52.45	75.18	127.70	154.55
Registered nurses .....	23.51	25.43	28.36	30.20	32.00
Therapists .....	20.67	22.07	25.20	33.85	53.00
Respiratory therapists .....	19.35	21.37	23.98	25.20	25.20
Clinical laboratory technologists and technicians .....	14.92	20.24	22.27	25.99	29.30
Medical and clinical laboratory technologists .....	20.23	21.87	24.89	27.24	29.94
Diagnostic related technologists and technicians .....	19.59	20.77	25.00	28.13	30.37
Radiologic technologists and technicians .....	19.57	20.03	22.92	26.65	31.51
Health diagnosing and treating practitioner support technicians .....	12.25	14.00	15.93	17.25	19.63
Pharmacy technicians .....	9.82	11.53	14.56	15.81	16.35
Licensed practical and licensed vocational nurses .....	18.00	20.00	20.81	22.68	27.00
Medical records and health information technicians .....	13.57	15.00	15.20	22.83	25.39
<b>Healthcare support occupations</b> .....	9.00	10.00	11.27	13.04	16.00
Nursing, psychiatric, and home health aides .....	8.55	9.35	10.65	12.16	13.79
Home health aides .....	8.00	8.80	10.00	11.00	12.00
Nursing aides, orderlies, and attendants .....	10.00	10.65	11.72	13.01	14.69
Miscellaneous healthcare support occupations .....	10.50	11.50	13.00	16.00	17.50
Medical assistants .....	10.50	10.64	11.50	13.66	17.27
<b>Protective service occupations</b> .....	10.00	11.94	19.72	22.96	27.30
Fire fighters .....	16.17	18.68	20.07	21.14	22.24
Bailiffs, correctional officers, and jailers .....	18.37	21.08	21.13	22.40	24.10
Correctional officers and jailers .....	18.37	21.08	21.13	22.40	24.10
Police officers .....	22.96	22.96	24.64	26.47	27.75
Police and sheriff's patrol officers .....	22.96	22.96	24.64	26.47	27.75
Security guards and gaming surveillance officers .....	8.75	10.00	11.50	13.56	16.59
Security guards .....	8.75	10.00	11.50	13.56	16.59
Miscellaneous protective service workers .....	8.30	10.00	10.44	11.02	16.23
Crossing guards .....	7.00	7.00	7.00	10.00	11.00
<b>Food preparation and serving related occupations</b> .....	3.50	5.75	7.00	9.31	12.21
First-line supervisors/managers, food preparation and serving workers .....	11.50	12.50	12.87	14.89	15.85
First-line supervisors/managers of food preparation and serving workers .....	11.13	12.50	12.50	13.67	15.47
Cooks .....	7.50	8.00	9.50	11.72	13.75
Cooks, institution and cafeteria .....	10.06	11.32	11.72	12.64	13.20
Cooks, restaurant .....	7.50	7.50	9.50	11.00	13.75
Food preparation workers .....	6.95	9.00	9.23	9.27	11.20
Food service, tipped .....	2.65	2.65	2.69	4.31	6.02
Bartenders .....	3.50	4.25	4.50	6.37	8.25
Waiters and waitresses .....	2.65	2.65	2.65	3.50	5.20
Fast food and counter workers .....	5.50	6.00	7.00	7.71	9.70
Combined food preparation and serving workers, including fast food .....	5.50	6.00	7.00	7.71	9.52
Counter attendants, cafeteria, food concession, and coffee shop .....	5.45	5.60	7.00	9.31	10.00
Food servers, nonrestaurant .....	5.40	9.75	11.45	12.60	12.62
Hosts and hostesses, restaurant, lounge, and coffee shop .....	6.00	6.50	8.00	9.00	10.60
<b>Building and grounds cleaning and maintenance occupations</b> .....	7.83	8.48	10.30	13.82	16.65
Building cleaning workers .....	7.83	8.48	10.60	13.82	16.43
Janitors and cleaners, except maids and housekeeping cleaners .....	7.85	8.48	10.75	13.75	16.70
Maids and housekeeping cleaners .....	7.83	8.00	9.43	16.43	16.43
Grounds maintenance workers .....	8.00	9.00	10.00	13.08	19.55
Landscaping and groundskeeping workers .....	8.00	9.00	10.00	13.08	19.55
<b>Personal care and service occupations</b> .....	5.15	7.50	9.15	11.94	16.32

See footnotes at end of table.

Table 6. **Civilian workers: Hourly wage percentiles<sup>1</sup>, Detroit-Ann Arbor-Flint, MI, April 2006** — Continued

Occupation <sup>2</sup>	10	25	Median 50	75	90
Miscellaneous entertainment attendants and related workers .....	\$5.75	\$6.50	\$8.92	\$8.92	\$9.40
Child care workers .....	7.00	8.50	9.75	11.23	17.37
<b>Sales and related occupations</b> .....	7.50	8.50	12.53	22.98	37.69
First-line supervisors/managers, sales workers .....	12.53	14.82	19.10	22.78	43.70
First-line supervisors/managers of non-retail sales workers .....	14.82	19.10	22.78	33.11	43.70
Retail sales workers .....	6.65	7.75	8.75	11.75	19.00
Cashiers, all workers .....	7.39	7.50	8.25	10.03	11.75
Cashiers .....	7.39	7.50	8.25	10.03	11.75
Retail salespersons .....	6.25	7.88	8.75	12.42	19.00
Sales representatives, wholesale and manufacturing .....	19.23	22.98	26.44	43.18	43.18
Sales representatives, wholesale and manufacturing, except technical and scientific products .....	19.23	22.98	26.90	43.18	43.18
Miscellaneous sales and related workers .....	7.50	10.10	11.61	11.70	39.35
<b>Office and administrative support occupations</b> .....	10.00	12.00	14.50	17.55	22.07
First-line supervisors/managers of office and administrative support workers .....	17.49	17.55	17.55	21.96	23.82
Financial clerks .....	10.61	12.00	14.00	17.50	20.91
Billing and posting clerks and machine operators .....	12.00	13.60	14.18	16.83	17.50
Bookkeeping, accounting, and auditing clerks .....	13.00	14.00	16.96	20.71	23.75
Tellers .....	10.39	11.00	12.49	13.44	14.84
Customer service representatives .....	11.50	13.11	15.09	17.00	23.98
Interviewers, except eligibility and loan .....	8.75	10.00	12.99	20.54	20.54
Library assistants, clerical .....	8.04	8.65	13.47	13.95	17.15
Receptionists and information clerks .....	9.81	10.00	10.00	11.75	13.20
Dispatchers .....	12.93	13.56	14.13	19.34	22.24
Production, planning, and expediting clerks .....	12.61	12.61	25.35	29.60	29.60
Shipping, receiving, and traffic clerks .....	10.20	12.14	13.89	20.07	27.58
Stock clerks and order fillers .....	7.00	8.50	9.49	12.35	15.25
Weighers, measurers, checkers, and samplers, recordkeeping .....	11.75	12.75	13.52	13.52	13.52
Secretaries and administrative assistants .....	11.00	13.94	16.29	20.94	27.78
Executive secretaries and administrative assistants .....	14.42	17.79	25.36	28.33	30.53
Medical secretaries .....	11.29	14.75	15.22	16.35	17.06
Secretaries, except legal, medical, and executive .....	8.12	13.00	14.96	16.71	20.15
Computer operators .....	9.52	9.52	17.76	17.90	20.00
Data entry and information processing workers .....	10.00	10.25	14.59	14.69	16.36
Word processors and typists .....	9.57	10.25	14.56	16.36	19.64
Insurance claims and policy processing clerks .....	11.00	13.85	17.74	21.51	23.25
Office clerks, general .....	9.50	11.95	14.75	15.73	18.20
<b>Construction and extraction occupations</b> .....	15.00	20.00	24.02	30.61	32.21
First-line supervisors/managers of construction trades and extraction workers .....	24.02	25.00	26.10	30.48	38.75
Construction laborers .....	16.00	17.69	20.00	20.00	21.86
Construction equipment operators .....	23.16	26.18	26.40	31.49	31.74
Operating engineers and other construction equipment operators .....	23.16	26.18	26.40	31.49	31.74
Electricians .....	31.29	32.10	32.21	32.48	32.50
Pipelayers, plumbers, pipefitters, and steamfitters .....	14.00	20.00	24.00	30.46	31.68
Plumbers, pipefitters, and steamfitters .....	14.00	20.00	24.00	30.46	31.68
Construction and building inspectors .....	24.02	25.02	27.40	27.40	29.25
Miscellaneous construction and related workers .....	10.00	10.00	16.00	20.38	20.38
<b>Installation, maintenance, and repair occupations</b> .....	10.00	13.41	21.59	26.90	32.29
First-line supervisors/managers of mechanics, installers, and repairers .....	22.26	24.46	34.69	38.35	39.37
Automotive technicians and repairers .....	10.00	10.00	13.29	15.00	22.62
Automotive service technicians and mechanics .....	10.00	10.00	15.00	17.75	22.62
Bus and truck mechanics and diesel engine specialists .....	15.49	17.65	20.04	21.59	22.27
Industrial machinery installation, repair, and maintenance workers .....	17.74	22.55	25.40	32.13	32.48
Industrial machinery mechanics .....	22.86	25.40	31.99	32.29	32.48
Maintenance and repair workers, general .....	7.53	18.24	19.76	25.24	25.24
Millwrights .....	29.39	31.68	31.68	31.86	31.98
<b>Production occupations</b> .....	10.88	14.41	22.47	28.17	28.71

See footnotes at end of table.

Table 6. **Civilian workers: Hourly wage percentiles<sup>1</sup>, Detroit-Ann Arbor-Flint, MI, April 2006** — Continued

Occupation <sup>2</sup>	10	25	Median 50	75	90
First-line supervisors/managers of production and operating workers .....	\$17.50	\$19.70	\$23.68	\$32.02	\$34.40
Miscellaneous assemblers and fabricators .....	13.35	26.86	28.02	28.17	28.36
Team assemblers .....	13.20	26.73	28.05	28.17	28.20
Computer control programmers and operators .....	17.75	19.46	26.28	32.55	32.55
Computer-controlled machine tool operators, metal and plastic .....	15.40	18.62	21.80	26.80	27.70
Machine tool cutting setters, operators, and tenders, metal and plastic .....	13.94	14.15	21.28	28.36	28.71
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic .....	13.94	14.15	20.27	28.48	28.71
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic ..	14.10	16.45	20.20	27.50	27.53
Machinists .....	15.40	17.97	18.22	19.97	22.39
Multiple machine tool setters, operators, and tenders, metal and plastic .....	12.44	14.44	20.27	28.24	28.41
Tool and die makers .....	21.25	25.59	31.31	32.29	32.50
Welding, soldering, and brazing workers .....	16.25	26.86	27.69	27.98	28.03
Welders, cutters, solderers, and brazers .....	16.00	17.50	27.69	27.69	27.69
Miscellaneous metalworkers and plastic workers .....	14.50	22.08	27.89	27.89	28.13
Laundry and dry-cleaning workers .....	7.50	8.50	9.85	10.20	13.05
Inspectors, testers, sorters, samplers, and weighers .....	11.68	12.60	16.50	27.70	28.20
Packaging and filling machine operators and tenders .....	11.11	11.70	14.94	15.88	15.88
Painting workers .....	9.85	9.85	10.50	19.76	28.14
Miscellaneous production workers .....	9.10	15.70	16.88	21.42	28.18
<b>Transportation and material moving occupations .....</b>	<b>8.50</b>	<b>10.35</b>	<b>15.30</b>	<b>21.05</b>	<b>27.66</b>
First-line supervisors/managers of helpers, laborers, and material movers, hand .....	21.72	21.96	23.00	23.50	25.87
First-line supervisors/managers of transportation and material-moving machine and vehicle operators .....	12.50	12.50	13.22	25.26	25.26
Bus drivers .....	13.11	13.13	16.28	16.92	19.09
Bus drivers, school .....	13.11	13.13	16.24	16.92	18.45
Driver/sales workers and truck drivers .....	8.75	14.24	17.14	19.64	21.63
Driver/sales workers .....	5.15	5.25	14.24	17.29	19.29
Truck drivers, heavy and tractor-trailer .....	14.85	16.20	18.21	20.71	21.63
Truck drivers, light or delivery services .....	10.00	10.00	12.55	27.71	27.72
Industrial truck and tractor operators .....	10.35	11.22	15.75	27.58	27.78
Laborers and material movers, hand .....	7.00	8.50	10.35	15.35	27.49
Laborers and freight, stock, and material movers, hand .....	6.90	8.75	11.00	17.61	27.49
Packers and packagers, hand .....	7.20	8.50	9.95	10.35	13.52

<sup>1</sup> Percentiles designate position in the earnings distribution and are calculated from individual-worker earnings and the hours they are scheduled to work. At the 50th percentile, the median, half of the hours are paid the same as or more than the rate shown, and half are paid the same as or less than the rate shown. At the 25th percentile, one-fourth of the hours are paid the same as or less than the rate shown. At the 75th percentile, one-fourth are paid the same as or more than the rate shown. The 10th and 90th percentiles follow the same logic. Hourly wages are the straight-time wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, and holidays;

nonproduction bonuses; and tips.

<sup>2</sup> Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. See appendix B for more information.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria. Overall occupational groups may include data for categories not shown separately

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

Table 7. Private industry workers: Hourly wage percentiles<sup>1</sup>, Detroit-Ann Arbor-Flint, MI, April 2006

Occupation <sup>2</sup>	10	25	Median 50	75	90
<b>All workers</b> .....	\$8.25	\$11.04	\$17.78	\$28.17	\$38.00
<b>Management occupations</b> .....	26.23	31.26	43.98	57.17	65.94
General and operations managers .....	19.44	26.44	47.09	57.50	76.92
Marketing and sales managers .....	29.23	31.26	33.17	46.57	51.11
Marketing managers .....	28.85	29.23	32.55	45.04	50.16
Financial managers .....	20.09	24.90	30.21	35.07	48.27
Industrial production managers .....	27.45	32.68	44.23	53.81	55.99
Medical and health services managers .....	16.65	24.83	29.45	30.31	39.27
<b>Business and financial operations occupations</b> .....	15.27	21.64	28.86	37.50	46.39
Buyers and purchasing agents .....	19.20	20.05	22.41	33.89	39.38
Human resources, training, and labor relations specialists .....	21.49	22.68	27.64	46.39	46.39
Management analysts .....	25.48	30.74	35.15	41.68	48.32
Accountants and auditors .....	15.27	18.99	26.92	34.14	48.61
<b>Computer and mathematical science occupations</b> .....	20.80	28.03	35.00	38.94	46.35
Computer programmers .....	21.88	24.00	29.71	34.50	35.43
Computer software engineers .....	32.60	36.00	38.28	44.36	50.48
Computer support specialists .....	15.87	16.83	18.57	22.72	27.26
Computer systems analysts .....	27.07	30.67	34.86	42.61	48.74
Network and computer systems administrators .....	23.39	25.96	32.45	35.10	35.82
<b>Architecture and engineering occupations</b> .....	18.86	27.47	35.29	40.67	46.13
Engineers .....	27.81	33.19	38.20	42.83	48.71
Mechanical engineers .....	25.50	27.47	33.29	38.92	43.37
Drafters .....	8.56	15.00	22.76	29.78	39.16
Engineering technicians, except drafters .....	16.00	19.24	26.44	32.63	37.29
Mechanical engineering technicians .....	17.00	18.00	20.00	27.63	34.22
<b>Life, physical, and social science occupations</b> .....	12.50	16.50	18.53	22.00	34.36
<b>Community and social services occupations</b> .....	16.30	17.29	20.40	26.02	29.81
Social workers .....	16.30	17.29	20.40	27.52	29.81
<b>Legal occupations</b> .....	21.28	33.33	49.79	57.84	66.35
<b>Education, training, and library occupations</b> .....	9.00	10.00	16.34	28.89	33.93
Postsecondary teachers .....	15.29	15.29	31.47	33.07	36.73
Teacher assistants .....	7.54	9.00	9.85	12.25	12.25
<b>Arts, design, entertainment, sports, and media occupations</b> .....	15.79	18.27	30.72	36.96	46.00
Writers and editors .....	24.69	30.72	31.13	32.82	41.51
<b>Healthcare practitioner and technical occupations</b> .....	16.75	21.73	27.95	31.57	64.69
Physicians and surgeons .....	22.34	64.69	100.00	132.50	154.92
Registered nurses .....	23.67	25.50	28.71	30.34	32.00
Therapists .....	19.85	21.53	24.21	25.20	53.00
Respiratory therapists .....	19.35	21.37	23.98	25.20	25.20
Clinical laboratory technologists and technicians .....	14.92	20.00	22.05	25.61	29.94
Medical and clinical laboratory technologists .....	19.81	21.52	24.95	26.92	29.94
Radiologic technologists and technicians .....	19.57	20.03	22.92	26.65	31.51
Health diagnosing and treating practitioner support technicians .....	12.25	14.00	15.92	17.25	19.63
Pharmacy technicians .....	9.82	11.53	14.56	15.55	15.98
Licensed practical and licensed vocational nurses .....	18.00	20.00	21.25	22.93	27.00
<b>Healthcare support occupations</b> .....	9.00	10.00	11.15	13.00	15.50
Nursing, psychiatric, and home health aides .....	8.50	9.35	10.65	12.06	13.40
Home health aides .....	8.00	8.80	10.00	11.00	12.00
Nursing aides, orderlies, and attendants .....	10.00	10.65	11.72	12.99	14.69
Miscellaneous healthcare support occupations .....	10.00	11.50	13.00	16.00	17.50
Medical assistants .....	10.50	10.64	11.50	13.66	17.27
<b>Protective service occupations</b> .....	8.72	9.75	11.50	13.25	16.01
Security guards and gaming surveillance officers .....	8.72	10.00	11.50	13.26	16.01
Security guards .....	8.72	10.00	11.50	13.26	16.01

See footnotes at end of table.

Table 7. Private industry workers: Hourly wage percentiles<sup>1</sup>, Detroit-Ann Arbor-Flint, MI, April 2006 —  
Continued

Occupation <sup>2</sup>	10	25	Median 50	75	90
<b>Food preparation and serving related occupations</b> .....	\$3.50	\$5.75	\$7.00	\$9.23	\$12.12
First-line supervisors/managers, food preparation and serving workers .....	11.50	12.50	12.87	14.89	15.85
First-line supervisors/managers of food preparation and serving workers .....	11.13	12.50	12.50	13.67	15.47
Cooks .....	7.50	8.00	9.50	11.72	13.75
Cooks, institution and cafeteria .....	10.06	11.32	11.72	12.64	13.20
Cooks, restaurant .....	7.50	7.50	9.50	11.00	13.75
Food preparation workers .....	6.95	9.00	9.10	9.27	9.60
Food service, tipped .....	2.65	2.65	2.69	4.31	6.02
Bartenders .....	3.50	4.25	4.50	6.37	8.25
Waiters and waitresses .....	2.65	2.65	2.65	3.50	5.20
Fast food and counter workers .....	5.50	6.00	7.00	7.71	9.52
Combined food preparation and serving workers, including fast food .....	5.50	6.00	7.00	7.71	9.52
Counter attendants, cafeteria, food concession, and coffee shop .....	5.40	5.60	6.00	9.31	10.00
Food servers, nonrestaurant .....	5.40	9.39	10.90	12.12	12.60
Hosts and hostesses, restaurant, lounge, and coffee shop .....	6.00	6.50	8.00	9.00	10.60
<b>Building and grounds cleaning and maintenance occupations</b> .....	7.50	8.33	9.65	12.30	15.50
Building cleaning workers .....	7.50	8.33	9.60	12.65	16.43
Janitors and cleaners, except maids and housekeeping cleaners .....	7.50	8.35	9.75	12.34	14.67
Maids and housekeeping cleaners .....	7.83	7.83	9.43	16.43	16.43
<b>Personal care and service occupations</b> .....	5.15	7.50	9.12	11.23	16.00
Miscellaneous entertainment attendants and related workers .....	5.75	6.50	8.92	8.92	9.40
Child care workers .....	8.00	8.50	9.15	9.98	11.23
<b>Sales and related occupations</b> .....	7.50	8.50	12.53	22.98	37.74
First-line supervisors/managers, sales workers .....	12.53	14.82	19.10	22.78	43.70
First-line supervisors/managers of non-retail sales workers .....	14.82	19.10	22.78	33.11	43.70
Retail sales workers .....	6.65	7.75	8.75	11.75	19.00
Cashiers, all workers .....	7.38	7.50	8.25	10.03	11.75
Cashiers .....	7.38	7.50	8.25	10.03	11.75
Retail salespersons .....	6.25	7.88	8.75	12.42	19.00
Sales representatives, wholesale and manufacturing .....	19.23	22.98	26.44	43.18	43.18
Sales representatives, wholesale and manufacturing, except technical and scientific products .....	19.23	22.98	26.90	43.18	43.18
Miscellaneous sales and related workers .....	7.50	10.10	11.61	11.70	39.35
<b>Office and administrative support occupations</b> .....	9.81	11.46	14.00	17.55	22.31
First-line supervisors/managers of office and administrative support workers .....	17.49	17.55	17.55	21.68	23.82
Financial clerks .....	10.51	12.00	14.00	16.99	20.91
Billing and posting clerks and machine operators .....	12.00	13.49	14.13	16.59	17.50
Bookkeeping, accounting, and auditing clerks .....	11.75	14.00	15.89	20.71	23.75
Tellers .....	10.39	11.00	12.49	13.44	14.84
Customer service representatives .....	11.50	13.11	15.09	17.00	23.98
Interviewers, except eligibility and loan .....	8.75	10.00	12.99	20.54	20.54
Receptionists and information clerks .....	9.81	10.00	10.00	11.75	13.20
Production, planning, and expediting clerks .....	12.61	12.61	25.35	29.60	29.60
Shipping, receiving, and traffic clerks .....	10.20	12.14	13.89	20.07	27.58
Stock clerks and order fillers .....	7.00	8.50	9.49	12.35	15.25
Weighers, measurers, checkers, and samplers, recordkeeping .....	11.75	12.75	13.52	13.52	13.52
Secretaries and administrative assistants .....	8.12	13.11	16.29	21.64	25.81
Executive secretaries and administrative assistants .....	14.42	16.64	22.27	27.40	32.87
Medical secretaries .....	11.29	14.10	15.22	16.34	17.20
Secretaries, except legal, medical, and executive .....	8.12	12.16	14.18	16.60	21.99
Data entry and information processing workers .....	10.00	10.00	14.59	14.59	16.79
Insurance claims and policy processing clerks .....	11.00	13.85	17.74	20.79	23.25
Office clerks, general .....	8.90	10.00	13.57	15.73	18.75

See footnotes at end of table.

Table 7. Private industry workers: Hourly wage percentiles<sup>1</sup>, Detroit-Ann Arbor-Flint, MI, April 2006 —  
Continued

Occupation <sup>2</sup>	10	25	Median 50	75	90
<b>Construction and extraction occupations</b> .....	\$14.82	\$20.00	\$24.00	\$31.15	\$32.21
First-line supervisors/managers of construction trades and extraction workers .....	23.27	25.00	26.10	30.48	38.75
Construction laborers .....	16.00	17.69	20.00	20.00	21.86
Construction equipment operators .....	23.16	26.18	26.40	31.49	31.74
Operating engineers and other construction equipment operators .....	23.16	26.18	26.40	31.49	31.74
Electricians .....	31.29	32.18	32.21	32.48	32.76
Miscellaneous construction and related workers .....	10.00	10.00	16.00	20.38	20.38
<b>Installation, maintenance, and repair occupations</b> .....	10.00	13.29	21.59	26.90	32.29
First-line supervisors/managers of mechanics, installers, and repairers .....	22.26	24.46	34.69	38.35	39.37
Automotive technicians and repairers .....	10.00	10.00	13.29	15.00	22.62
Bus and truck mechanics and diesel engine specialists ...	13.50	17.65	17.73	21.59	21.85
Industrial machinery installation, repair, and maintenance workers .....	17.25	23.69	25.40	32.20	32.48
Industrial machinery mechanics .....	22.86	25.40	31.99	32.29	32.48
Maintenance and repair workers, general .....	7.53	18.24	19.38	25.24	25.24
Millwrights .....	29.39	31.68	31.68	31.86	31.98
<b>Production occupations</b> .....	10.88	14.41	22.40	28.17	28.74
First-line supervisors/managers of production and operating workers .....	17.50	19.70	23.68	32.02	34.40
Miscellaneous assemblers and fabricators .....	13.35	26.86	28.02	28.17	28.36
Team assemblers .....	13.20	26.73	28.05	28.17	28.20
Computer control programmers and operators .....	17.75	19.46	26.28	32.55	32.55
Computer-controlled machine tool operators, metal and plastic .....	15.40	18.62	21.80	26.80	27.70
Machine tool cutting setters, operators, and tenders, metal and plastic .....	13.94	14.15	21.28	28.36	28.71
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic .....	13.94	14.15	20.27	28.48	28.71
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic ..	14.10	16.45	20.20	27.50	27.53
Machinists .....	15.40	17.97	18.22	19.97	22.39
Multiple machine tool setters, operators, and tenders, metal and plastic .....	12.44	14.44	20.27	28.24	28.41
Tool and die makers .....	21.25	25.59	31.31	32.29	32.50
Welding, soldering, and brazing workers .....	16.25	26.86	27.69	27.98	28.03
Welders, cutters, solderers, and brazers .....	16.00	17.50	27.69	27.69	27.69
Miscellaneous metalworkers and plastic workers .....	14.50	22.08	27.89	27.89	28.13
Laundry and dry-cleaning workers .....	7.50	8.50	9.85	10.20	13.05
Inspectors, testers, sorters, samplers, and weighers .....	11.68	12.60	16.50	27.70	28.20
Packaging and filling machine operators and tenders .....	11.11	11.70	14.94	15.88	15.88
Painting workers .....	9.85	9.85	10.50	19.76	28.14
Miscellaneous production workers .....	9.10	15.70	16.88	21.42	28.18

See footnotes at end of table.

Table 7. Private industry workers: Hourly wage percentiles<sup>1</sup>, Detroit-Ann Arbor-Flint, MI, April 2006 — Continued

Occupation <sup>2</sup>	10	25	Median 50	75	90
<b>Transportation and material moving occupations</b> .....	\$8.50	\$10.35	\$15.14	\$21.14	\$27.68
First-line supervisors/managers of helpers, laborers, and material movers, hand .....	21.72	21.96	23.00	23.50	25.87
First-line supervisors/managers of transportation and material-moving machine and vehicle operators .....	12.50	12.50	13.22	25.26	25.26
Driver/sales workers and truck drivers .....	8.75	14.24	17.29	20.02	22.71
Driver/sales workers .....	5.15	5.25	14.24	17.29	19.29
Truck drivers, heavy and tractor-trailer .....	14.50	16.21	18.21	21.14	21.63
Truck drivers, light or delivery services .....	8.75	10.00	12.55	27.71	27.72
Industrial truck and tractor operators .....	10.35	11.22	15.75	27.58	27.78
Laborers and material movers, hand .....	7.00	8.50	10.35	15.35	27.49
Laborers and freight, stock, and material movers, hand .....	6.85	8.73	11.00	17.61	27.49
Packers and packagers, hand .....	7.20	8.50	9.95	10.35	13.52

<sup>1</sup> Percentiles designate position in the earnings distribution and are calculated from individual-worker earnings and the hours they are scheduled to work. At the 50th percentile, the median, half of the hours are paid the same as or more than the rate shown, and half are paid the same as or less than the rate shown. At the 25th percentile, one-fourth of the hours are paid the same as or less than the rate shown. At the 75th percentile, one-fourth are paid the same as or more than the rate shown. The 10th and 90th percentiles follow the same logic. Hourly wages are the straight-time wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, and holidays;

nonproduction bonuses; and tips.

<sup>2</sup> Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. See appendix B for more information.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria. Overall occupational groups may include data for categories not shown separately

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

Table 8. State and local government workers: Hourly wage percentiles<sup>1</sup>, Detroit-Ann Arbor-Flint, MI, April 2006

Occupation <sup>2</sup>	10	25	Median 50	75	90
<b>All workers</b> .....	\$13.12	\$15.56	\$21.34	\$31.91	\$49.67
<b>Management occupations</b> .....	32.31	34.12	38.37	49.67	61.91
Education administrators .....	41.35	48.28	51.59	61.44	75.00
<b>Business and financial operations occupations</b> .....	22.07	22.07	28.75	28.80	34.99
<b>Life, physical, and social science occupations</b> .....	12.33	13.12	13.22	19.28	25.54
<b>Community and social services occupations</b> .....	16.54	17.50	22.63	28.53	55.82
Counselors .....	17.50	17.50	17.50	44.25	60.89
Educational, vocational, and school counselors .....	17.50	17.50	17.50	44.25	60.89
Social workers .....	20.42	22.04	24.06	47.79	55.82
Mental health and substance abuse social workers .....	19.90	20.42	22.04	24.65	29.32
<b>Education, training, and library occupations</b> .....	18.34	31.60	44.78	53.28	60.94
Postsecondary teachers .....	31.04	44.34	46.66	49.74	80.13
Miscellaneous postsecondary teachers .....	31.04	31.04	42.54	46.66	59.04
Primary, secondary, and special education school teachers .....	27.12	39.58	47.43	55.26	60.87
Preschool and kindergarten teachers .....	18.34	19.81	40.22	50.68	60.87
Kindergarten teachers, except special education .....	18.34	34.12	40.22	50.57	56.54
Elementary and middle school teachers .....	24.47	39.78	47.45	55.26	61.51
Elementary school teachers, except special education .....	19.27	38.95	47.45	55.26	60.36
Middle school teachers, except special and vocational education .....	36.80	43.83	44.78	61.53	65.59
Secondary school teachers .....	32.55	39.64	46.35	55.23	59.96
Secondary school teachers, except special and vocational education .....	32.55	39.64	46.35	55.23	59.96
Special education teachers .....	31.81	44.15	47.50	55.26	56.99
Special education teachers, preschool, kindergarten, and elementary school .....	30.99	39.49	53.16	55.26	56.99
Other teachers and instructors .....	13.79	25.62	32.18	40.77	68.71
Adult literacy, remedial education, and GED teachers and instructors .....	25.62	29.07	33.95	55.02	69.05
Librarians .....	19.85	19.85	20.29	24.90	27.69
Teacher assistants .....	9.25	11.43	13.32	14.33	20.06
<b>Healthcare practitioner and technical occupations</b> .....	20.53	21.68	24.53	27.94	35.14
Registered nurses .....	21.84	24.79	27.79	27.94	32.45
<b>Healthcare support occupations</b> .....	12.31	14.04	17.88	17.88	17.88
<b>Protective service occupations</b> .....	11.02	19.04	22.24	25.26	27.82
Fire fighters .....	16.17	18.68	20.07	21.14	22.24
Bailiffs, correctional officers, and jailers .....	18.37	21.08	21.13	22.40	24.10
Correctional officers and jailers .....	18.37	21.08	21.13	22.40	24.10
Police officers .....	22.96	22.96	24.64	26.47	27.75
Police and sheriff's patrol officers .....	22.96	22.96	24.64	26.47	27.75
Miscellaneous protective service workers .....	8.22	10.30	10.44	11.02	16.23
Crossing guards .....	7.00	7.00	7.00	10.00	11.00
<b>Food preparation and serving related occupations</b> .....	6.46	7.25	10.74	12.04	14.68
Fast food and counter workers .....	7.25	8.36	10.17	11.84	12.83
Combined food preparation and serving workers, including fast food .....	8.36	8.71	10.58	11.38	12.83
<b>Building and grounds cleaning and maintenance occupations</b> .....	13.08	13.46	15.23	17.71	20.02
Building cleaning workers .....	13.27	13.46	15.23	16.70	19.06
Janitors and cleaners, except maids and housekeeping cleaners .....	13.27	13.46	15.23	16.70	18.42
Grounds maintenance workers .....	12.55	13.08	13.08	20.18	21.59
Landscaping and groundskeeping workers .....	12.55	13.08	13.08	20.18	21.59
<b>Personal care and service occupations</b> .....	6.13	8.03	10.81	17.37	18.78
Child care workers .....	6.13	7.07	10.81	17.17	18.78

See footnotes at end of table.



Table 8. **State and local government workers: Hourly wage percentiles<sup>1</sup>, Detroit-Ann Arbor-Flint, MI, April 2006** — Continued

Occupation <sup>2</sup>	10	25	Median 50	75	90
<b>Office and administrative support occupations</b> .....	\$13.66	\$14.69	\$16.14	\$18.80	\$21.96
Financial clerks .....	16.54	16.72	17.93	17.93	25.06
Library assistants, clerical .....	8.04	8.65	13.47	13.95	17.15
Secretaries and administrative assistants .....	13.73	14.59	16.14	20.47	28.33
Executive secretaries and administrative assistants .....	20.94	27.15	28.33	28.33	28.33
Secretaries, except legal, medical, and executive .....	13.66	14.02	15.97	17.92	19.49
Office clerks, general .....	14.62	14.75	15.26	15.89	17.93
<b>Construction and extraction occupations</b> .....	15.14	22.86	25.02	27.40	31.55
Construction and building inspectors .....	23.35	25.02	27.40	27.40	29.25
<b>Installation, maintenance, and repair occupations</b> .....	19.90	20.04	20.53	22.70	25.34
<b>Transportation and material moving occupations</b> .....	13.11	13.45	15.90	16.79	19.09
Bus drivers .....	13.11	13.13	16.28	16.92	18.95
Bus drivers, school .....	13.13	13.13	16.13	16.86	18.45

<sup>1</sup> Percentiles designate position in the earnings distribution and are calculated from individual-worker earnings and the hours they are scheduled to work. At the 50th percentile, the median, half of the hours are paid the same as or more than the rate shown, and half are paid the same as or less than the rate shown. At the 25th percentile, one-fourth of the hours are paid the same as or less than the rate shown. At the 75th percentile, one-fourth are paid the same as or more than the rate shown. The 10th and 90th percentiles follow the same logic. Hourly wages are the straight-time wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, and holidays;

nonproduction bonuses; and tips.

<sup>2</sup> Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. See appendix B for more information.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria. Overall occupational groups may include data for categories not shown separately

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

Table 9. Full-time<sup>1</sup> civilian workers: Hourly wage percentiles<sup>2</sup>, Detroit-Ann Arbor-Flint, MI, April 2006

Occupation <sup>3</sup>	Full-time workers				
	10	25	Median 50	75	90
<b>All workers</b> .....	\$10.00	\$13.24	\$20.09	\$29.36	\$41.73
<b>Management occupations</b> .....	26.23	31.68	43.36	56.97	65.65
General and operations managers .....	19.44	26.44	47.09	57.50	76.92
Marketing and sales managers .....	29.23	31.26	33.17	46.57	51.11
Marketing managers .....	28.85	29.23	32.55	45.04	50.16
Financial managers .....	20.09	25.00	30.58	39.68	48.27
Industrial production managers .....	27.45	32.68	44.23	53.81	55.99
Education administrators .....	22.76	22.76	48.28	61.44	75.00
Medical and health services managers .....	20.02	24.83	31.62	32.31	39.27
<b>Business and financial operations occupations</b> .....	16.11	22.00	28.75	36.87	46.39
Buyers and purchasing agents .....	19.20	20.14	22.41	33.70	39.19
Human resources, training, and labor relations specialists .....	22.12	23.58	28.22	41.61	46.39
Training and development specialists .....	21.38	22.12	25.96	28.80	28.80
Management analysts .....	25.48	30.74	35.15	41.68	48.32
Accountants and auditors .....	15.27	18.99	27.02	34.14	48.61
<b>Computer and mathematical science occupations</b> .....	20.80	28.09	35.00	38.94	46.63
Computer programmers .....	21.88	24.50	30.29	34.50	37.02
Computer software engineers .....	32.60	36.00	38.28	44.36	50.48
Computer support specialists .....	15.87	16.83	18.57	22.72	27.26
Computer systems analysts .....	27.07	30.67	34.86	42.61	48.74
Network and computer systems administrators .....	23.39	25.96	32.45	35.10	35.82
<b>Architecture and engineering occupations</b> .....	19.45	27.81	35.58	40.71	46.21
Engineers .....	27.81	33.19	38.20	42.83	48.71
Mechanical engineers .....	25.50	27.47	33.29	38.92	43.37
Drafters .....	14.85	15.00	19.23	34.11	40.67
Engineering technicians, except drafters .....	16.31	19.45	25.20	32.47	37.27
Mechanical engineering technicians .....	17.00	18.46	20.00	30.01	34.22
<b>Life, physical, and social science occupations</b> .....	12.33	13.12	13.46	21.64	34.54
<b>Community and social services occupations</b> .....	16.30	17.41	20.40	27.52	29.81
Counselors .....	17.41	17.50	17.50	28.53	58.75
Educational, vocational, and school counselors .....	17.41	17.50	17.50	28.53	58.75
Social workers .....	16.98	18.82	20.40	29.81	29.81
Child, family, and school social workers .....	17.29	18.87	23.88	55.26	55.82
Mental health and substance abuse social workers .....	13.96	16.98	16.98	21.27	24.65
<b>Legal occupations</b> .....	19.75	27.16	42.72	53.17	62.98
Lawyers .....	30.64	42.48	52.22	57.69	66.35
<b>Education, training, and library occupations</b> .....	12.25	26.67	43.80	50.68	60.36
Postsecondary teachers .....	31.79	44.34	46.66	49.74	80.45
Primary, secondary, and special education school teachers .....	27.76	36.76	46.52	55.26	60.36
Preschool and kindergarten teachers .....	15.52	17.43	18.34	40.22	56.54
Elementary and middle school teachers .....	29.20	41.59	47.45	55.26	61.51
Elementary school teachers, except special education .....	29.20	40.25	47.50	55.26	60.36
Middle school teachers, except special and vocational education .....	36.80	43.83	44.78	61.53	65.59
Secondary school teachers .....	27.55	33.14	43.71	49.55	58.96
Secondary school teachers, except special and vocational education .....	27.55	33.14	43.71	49.55	58.96
Special education teachers .....	31.81	44.15	47.50	55.26	56.99
Special education teachers, preschool, kindergarten, and elementary school .....	30.99	39.49	53.16	55.26	56.99
Librarians .....	20.26	20.29	22.44	25.34	27.69
Teacher assistants .....	9.00	9.75	12.10	12.95	14.52
<b>Arts, design, entertainment, sports, and media occupations</b> .....	15.79	18.27	30.72	36.24	45.91

See footnotes at end of table.

Table 9. Full-time<sup>1</sup> civilian workers: Hourly wage percentiles<sup>2</sup>, Detroit-Ann Arbor-Flint, MI, April 2006 — Continued

Occupation <sup>3</sup>	Full-time workers				
	10	25	Median 50	75	90
<b>Healthcare practitioner and technical occupations</b> .....	\$16.24	\$20.98	\$26.88	\$31.57	\$64.69
Physicians and surgeons .....	21.65	34.97	72.57	125.00	151.72
Registered nurses .....	23.23	26.44	28.17	30.20	32.00
Therapists .....	20.60	21.93	24.64	27.00	35.85
Clinical laboratory technologists and technicians .....	14.92	19.57	23.98	26.86	29.94
Medical and clinical laboratory technologists .....	20.00	21.87	24.95	27.24	29.94
Diagnostic related technologists and technicians .....	19.57	20.03	22.92	25.95	31.51
Radiologic technologists and technicians .....	19.59	20.03	22.92	26.65	31.67
Health diagnosing and treating practitioner support technicians .....	12.25	14.00	15.93	17.25	19.63
Pharmacy technicians .....	9.82	11.53	14.56	15.81	16.35
Licensed practical and licensed vocational nurses .....	18.21	20.23	20.65	22.68	27.00
Medical records and health information technicians .....	13.57	15.00	15.20	22.83	25.39
<b>Healthcare support occupations</b> .....	9.04	10.00	11.30	13.00	16.00
Nursing, psychiatric, and home health aides .....	8.70	9.48	10.67	12.09	13.50
Home health aides .....	8.00	9.02	10.00	11.00	12.00
Nursing aides, orderlies, and attendants .....	10.00	10.65	11.62	12.81	14.12
Miscellaneous healthcare support occupations .....	10.50	11.66	13.25	16.00	18.27
Medical assistants .....	10.50	10.50	11.50	13.00	14.50
<b>Protective service occupations</b> .....	10.25	13.50	20.76	24.10	27.44
Fire fighters .....	16.17	18.68	20.07	21.14	22.24
Bailiffs, correctional officers, and jailers .....	18.37	21.08	21.13	22.40	24.10
Correctional officers and jailers .....	18.37	21.08	21.13	22.40	24.10
Police officers .....	22.96	22.96	24.64	26.47	27.75
Police and sheriff's patrol officers .....	22.96	22.96	24.64	26.47	27.75
Miscellaneous protective service workers .....	10.30	10.44	10.69	15.66	17.62
<b>Food preparation and serving related occupations</b> .....	4.25	7.00	8.19	11.63	13.31
First-line supervisors/managers, food preparation and serving workers .....	11.35	12.50	13.31	14.89	15.85
First-line supervisors/managers of food preparation and serving workers .....	11.08	12.50	12.50	13.67	15.47
Cooks .....	7.50	8.00	10.00	12.35	13.75
Cooks, institution and cafeteria .....	10.06	11.32	11.72	12.64	13.20
Food service, tipped .....	2.65	2.65	3.50	5.00	6.37
Fast food and counter workers .....	6.00	7.00	7.00	10.00	11.15
Combined food preparation and serving workers, including fast food .....	5.75	7.00	7.00	10.00	10.75
<b>Building and grounds cleaning and maintenance occupations</b> .....	8.25	9.43	12.34	15.22	18.36
Building cleaning workers .....	8.33	9.43	12.70	15.23	18.21
Janitors and cleaners, except maids and housekeeping cleaners .....	8.48	9.85	12.92	15.03	18.36
Maids and housekeeping cleaners .....	7.00	7.83	9.43	16.43	16.43
Grounds maintenance workers .....	8.00	9.00	10.00	13.08	19.55
Landscaping and groundskeeping workers .....	8.00	9.00	10.00	13.08	19.55
<b>Personal care and service occupations</b> .....	5.15	7.50	9.52	15.00	18.78
Child care workers .....	8.00	8.73	9.98	11.23	18.78
<b>Sales and related occupations</b> .....	8.25	11.25	16.27	27.35	39.81
First-line supervisors/managers, sales workers .....	12.53	14.82	19.10	22.78	43.70
First-line supervisors/managers of non-retail sales workers .....	14.82	19.10	22.78	33.11	43.70
Retail sales workers .....	7.50	8.25	10.69	15.30	22.50
Cashiers, all workers .....	7.50	7.50	8.25	10.80	12.50
Cashiers .....	7.50	7.50	8.25	10.80	12.50
Retail salespersons .....	8.50	9.31	12.42	19.00	21.66
Sales representatives, wholesale and manufacturing .....	19.23	22.98	26.44	43.18	43.18
Sales representatives, wholesale and manufacturing, except technical and scientific products .....	19.23	22.98	26.90	43.18	43.18
<b>Office and administrative support occupations</b> .....	10.20	12.25	14.91	17.93	22.68

See footnotes at end of table.

Table 9. Full-time<sup>1</sup> civilian workers: Hourly wage percentiles<sup>2</sup>, Detroit-Ann Arbor-Flint, MI, April 2006 — Continued

Occupation <sup>3</sup>	Full-time workers				
	10	25	Median 50	75	90
First-line supervisors/managers of office and administrative support workers .....	\$17.49	\$17.55	\$17.55	\$21.96	\$23.82
Financial clerks .....	10.82	12.07	14.13	17.93	20.91
Billing and posting clerks and machine operators .....	12.00	13.49	14.13	16.53	17.50
Bookkeeping, accounting, and auditing clerks .....	14.00	15.04	17.93	20.77	23.75
Tellers .....	10.51	11.00	12.86	13.44	14.97
Customer service representatives .....	11.75	13.18	15.09	17.08	24.59
Receptionists and information clerks .....	9.50	9.85	11.49	13.20	20.03
Dispatchers .....	12.93	13.56	14.13	19.34	22.24
Production, planning, and expediting clerks .....	12.61	12.61	25.35	29.60	29.60
Shipping, receiving, and traffic clerks .....	10.20	12.14	13.89	20.07	27.58
Stock clerks and order fillers .....	8.50	9.25	10.90	13.00	16.20
Weighers, measurers, checkers, and samplers, recordkeeping .....	11.75	12.75	13.52	13.52	13.52
Secretaries and administrative assistants .....	12.16	14.02	16.29	20.94	27.46
Executive secretaries and administrative assistants .....	14.42	17.79	25.36	28.33	29.24
Medical secretaries .....	11.29	14.75	15.22	16.35	17.06
Secretaries, except legal, medical, and executive .....	9.50	13.11	14.96	17.23	20.30
Computer operators .....	9.52	9.52	17.76	17.90	20.00
Data entry and information processing workers .....	10.00	10.25	14.59	14.91	16.36
Word processors and typists .....	10.25	10.25	14.91	16.36	19.64
Insurance claims and policy processing clerks .....	11.00	14.69	17.87	21.78	23.25
Office clerks, general .....	9.50	12.00	14.75	15.73	18.27
<b>Construction and extraction occupations .....</b>	<b>15.00</b>	<b>20.00</b>	<b>24.02</b>	<b>30.61</b>	<b>32.21</b>
First-line supervisors/managers of construction trades and extraction workers .....	24.02	25.00	26.10	30.48	38.75
Construction laborers .....	16.00	17.69	20.00	20.00	21.86
Construction equipment operators .....	23.16	26.18	26.40	31.49	31.74
Operating engineers and other construction equipment operators .....	23.16	26.18	26.40	31.49	31.74
Electricians .....	31.29	32.10	32.21	32.48	32.50
Pipelayers, plumbers, pipefitters, and steamfitters .....	14.00	20.00	24.00	30.46	31.68
Plumbers, pipefitters, and steamfitters .....	14.00	20.00	24.00	30.46	31.68
Construction and building inspectors .....	24.02	25.02	27.40	27.40	29.25
Miscellaneous construction and related workers .....	10.00	10.00	16.00	20.38	20.38
<b>Installation, maintenance, and repair occupations .....</b>	<b>10.00</b>	<b>13.50</b>	<b>21.59</b>	<b>26.90</b>	<b>32.29</b>
First-line supervisors/managers of mechanics, installers, and repairers .....	22.26	24.46	34.69	38.35	39.37
Automotive technicians and repairers .....	10.00	10.00	13.29	15.00	22.62
Automotive service technicians and mechanics .....	10.00	10.00	15.00	17.75	22.62
Bus and truck mechanics and diesel engine specialists .....	15.49	17.65	20.04	21.59	22.27
Industrial machinery installation, repair, and maintenance workers .....	17.74	22.55	25.40	32.13	32.48
Industrial machinery mechanics .....	22.86	25.40	31.99	32.29	32.48
Maintenance and repair workers, general .....	7.53	18.24	19.76	25.24	25.24
Millwrights .....	29.39	31.68	31.68	31.86	31.98
<b>Production occupations .....</b>	<b>10.96</b>	<b>14.50</b>	<b>23.17</b>	<b>28.17</b>	<b>28.74</b>
First-line supervisors/managers of production and operating workers .....	17.50	19.70	23.68	32.02	34.40
Miscellaneous assemblers and fabricators .....	13.35	26.86	28.02	28.17	28.36
Team assemblers .....	13.20	26.73	28.05	28.17	28.20
Computer control programmers and operators .....	17.75	19.46	26.28	32.55	32.55
Computer-controlled machine tool operators, metal and plastic .....	15.40	18.62	21.80	26.80	27.70
Machine tool cutting setters, operators, and tenders, metal and plastic .....	13.94	14.15	21.28	28.36	28.71
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic .....	13.94	14.15	20.27	28.48	28.71
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic .....	14.10	16.45	20.20	27.50	27.53
Machinists .....	15.10	18.00	18.22	20.95	23.50
Multiple machine tool setters, operators, and tenders, metal and plastic .....	12.44	14.44	20.27	28.24	28.41
Tool and die makers .....	21.25	25.59	31.31	32.29	32.50

See footnotes at end of table.

Table 9. Full-time<sup>1</sup> civilian workers: Hourly wage percentiles<sup>2</sup>, Detroit-Ann Arbor-Flint, MI, April 2006 — Continued

Occupation <sup>3</sup>	Full-time workers				
	10	25	Median 50	75	90
Welding, soldering, and brazing workers .....	\$16.25	\$26.86	\$27.69	\$27.98	\$28.03
Welders, cutters, solderers, and brazers .....	16.00	17.50	27.69	27.69	27.69
Laundry and dry-cleaning workers .....	7.50	8.50	9.45	10.05	14.10
Inspectors, testers, sorters, samplers, and weighers .....	11.68	13.50	16.50	27.70	28.20
Packaging and filling machine operators and tenders .....	11.11	11.70	14.94	15.88	15.88
Miscellaneous production workers .....	9.10	15.70	16.88	21.42	28.18
<b>Transportation and material moving occupations .....</b>	<b>9.32</b>	<b>11.77</b>	<b>16.28</b>	<b>21.63</b>	<b>27.70</b>
First-line supervisors/managers of helpers, laborers, and material movers, hand .....	21.72	21.96	23.00	23.50	25.87
First-line supervisors/managers of transportation and material-moving machine and vehicle operators .....	12.50	12.50	13.22	25.26	25.26
Bus drivers .....	13.13	13.13	16.28	16.79	19.64
Bus drivers, school .....	13.13	13.13	15.98	16.74	18.45
Driver/sales workers and truck drivers .....	10.00	14.24	17.29	19.68	21.63
Driver/sales workers .....	5.15	5.15	14.24	17.29	19.79
Truck drivers, heavy and tractor-trailer .....	14.85	16.20	18.21	20.71	21.63
Truck drivers, light or delivery services .....	10.00	10.00	12.55	27.71	27.72
Industrial truck and tractor operators .....	10.35	11.22	15.75	27.58	27.78
Laborers and material movers, hand .....	8.50	9.55	11.75	17.61	27.49
Laborers and freight, stock, and material movers, hand .....	8.75	10.25	13.10	19.25	27.49
Packers and packagers, hand .....	8.50	8.50	9.95	10.35	13.52

<sup>1</sup> Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Therefore, a worker with a 35-hour-per-week schedule might be considered a full-time employee in one establishment, but classified as part-time in another firm, where a 40-hour week is the minimum full-time schedule.

<sup>2</sup> Percentiles designate position in the earnings distribution and are calculated from individual-worker earnings and the hours they are scheduled to work. At the 50th percentile, the median, half of the hours are paid the same as or more than the rate shown, and half are paid the same as or less than the rate shown. At the 25th percentile, one-fourth of the hours are paid the same as or less than the rate shown. At the 75th percentile, one-fourth are paid the same as or more than the rate shown. The 10th and 90th percentiles follow the same logic. Hourly

wages are the straight-time wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, and holidays; nonproduction bonuses; and tips.

<sup>3</sup> Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. See appendix B for more information.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria. Overall occupational groups may include data for categories not shown separately

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

Table 10. Part-time<sup>1</sup> civilian workers: Hourly wage percentiles<sup>2</sup>, Detroit-Ann Arbor-Flint, MI, April 2006

Occupation <sup>3</sup>	Part-time workers				
	10	25	Median 50	75	90
<b>All workers</b> .....	\$5.75	\$7.00	\$8.92	\$12.23	\$25.00
<b>Education, training, and library occupations</b> .....	9.88	13.35	19.27	31.04	31.04
Postsecondary teachers .....	26.32	31.04	31.04	31.04	36.73
Primary, secondary, and special education school teachers .....	13.87	14.98	19.27	20.57	48.45
Elementary and middle school teachers .....	13.87	14.19	18.09	19.27	22.00
Elementary school teachers, except special education .....	13.87	14.19	18.09	19.27	22.00
Other teachers and instructors .....	11.50	13.73	25.00	25.62	25.62
<b>Healthcare practitioner and technical occupations</b> .....	21.74	25.00	28.13	30.74	80.75
Registered nurses .....	24.09	25.00	29.00	30.20	31.69
Licensed practical and licensed vocational nurses .....	17.71	18.23	21.00	22.78	24.00
<b>Healthcare support occupations</b> .....	8.25	9.76	11.06	13.40	17.27
Nursing, psychiatric, and home health aides .....	8.00	9.00	10.57	13.40	27.08
Nursing aides, orderlies, and attendants .....	10.44	10.57	12.85	27.08	38.95
Miscellaneous healthcare support occupations .....	9.76	10.00	12.07	13.28	17.27
<b>Protective service occupations</b> .....	7.00	7.80	11.50	11.91	12.23
Security guards and gaming surveillance officers .....	7.14	7.80	11.50	12.23	12.23
Security guards .....	7.14	7.80	11.50	12.23	12.23
Miscellaneous protective service workers .....	7.00	7.00	9.29	10.00	10.57
Crossing guards .....	7.00	7.00	7.00	10.00	11.00
<b>Food preparation and serving related occupations</b> .....	2.68	5.55	6.50	7.71	9.50
Food preparation workers .....	6.50	9.00	9.23	9.53	11.20
Food service, tipped .....	2.65	2.65	2.65	4.31	6.02
Waiters and waitresses .....	2.65	2.65	2.65	2.68	5.20
Fast food and counter workers .....	5.50	5.85	6.50	7.69	8.50
Combined food preparation and serving workers, including fast food .....	5.50	6.00	6.50	7.71	8.36
Counter attendants, cafeteria, food concession, and coffee shop .....	5.40	5.45	5.65	7.00	9.50
Food servers, nonrestaurant .....	5.40	6.15	10.11	12.12	12.12
Hosts and hostesses, restaurant, lounge, and coffee shop .....	5.75	6.50	7.35	8.75	9.00
<b>Building and grounds cleaning and maintenance occupations</b> .....	7.25	7.50	8.37	9.41	11.10
Building cleaning workers .....	7.25	7.50	8.37	9.23	11.10
Janitors and cleaners, except maids and housekeeping cleaners .....	7.25	7.50	8.35	9.50	11.10
Maids and housekeeping cleaners .....	8.00	8.00	8.48	8.65	8.65
<b>Personal care and service occupations</b> .....	6.13	7.75	8.92	10.20	11.94
Miscellaneous entertainment attendants and related workers .....	5.75	6.50	8.92	8.92	9.40
Child care workers .....	6.13	7.00	8.81	11.46	12.71
<b>Sales and related occupations</b> .....	6.25	7.00	8.25	9.50	11.00
Retail sales workers .....	6.25	6.65	8.00	8.85	10.12
Cashiers, all workers .....	6.50	7.23	8.50	9.82	10.66
Cashiers .....	6.50	7.23	8.50	9.82	10.66
Retail salespersons .....	6.25	6.25	7.90	8.50	8.89
<b>Office and administrative support occupations</b> .....	8.00	9.37	10.00	12.00	14.62
Financial clerks .....	9.50	10.67	12.91	13.91	14.95
Library assistants, clerical .....	7.25	8.25	8.65	11.12	13.95
Stock clerks and order fillers .....	6.00	7.45	9.10	9.75	11.99
Office clerks, general .....	8.80	10.50	11.95	13.00	14.70
<b>Production occupations</b> .....	8.50	9.90	10.50	15.00	19.76
<b>Transportation and material moving occupations</b> .....	5.70	6.25	8.58	9.66	13.11
Bus drivers .....	13.11	13.11	16.50	18.45	19.09

See footnotes at end of table.

Table 10. **Part-time<sup>1</sup> civilian workers: Hourly wage percentiles<sup>2</sup>, Detroit-Ann Arbor-Flint, MI, April 2006** — Continued

Occupation <sup>3</sup>	Part-time workers				
	10	25	Median 50	75	90
Bus drivers, school .....	\$13.11	\$13.11	\$16.92	\$18.45	\$19.09
Laborers and material movers, hand .....	5.82	6.07	7.70	9.25	11.20
Laborers and freight, stock, and material movers, hand .....	5.70	6.25	7.71	9.25	11.10

<sup>1</sup> Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Therefore, a worker with a 35-hour-per-week schedule might be considered a full-time employee in one establishment, but classified as part-time in another firm, where a 40-hour week is the minimum full-time schedule.

<sup>2</sup> Percentiles designate position in the earnings distribution and are calculated from individual-worker earnings and the hours they are scheduled to work. At the 50th percentile, the median, half of the hours are paid the same as or more than the rate shown, and half are paid the same as or less than the rate shown. At the 25th percentile, one-fourth of the hours are paid the same as or less than the rate shown. At the 75th percentile, one-fourth are paid the same as or more than the rate shown. The 10th and 90th percentiles follow the same logic. Hourly

wages are the straight-time wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, and holidays; nonproduction bonuses; and tips.

<sup>3</sup> Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. See appendix B for more information.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria. Overall occupational groups may include data for categories not shown separately

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

Table 11. Full-time<sup>1</sup> civilian workers: Mean and median hourly, weekly, and annual earnings and mean weekly and annual hours, Detroit-Ann Arbor-Flint, MI, April 2006

Occupation <sup>2</sup>	Hourly earnings <sup>3</sup>		Weekly earnings <sup>4</sup>			Annual earnings <sup>5</sup>		
	Mean	Median	Mean	Median	Mean weekly hours	Mean	Median	Mean annual hours
<b>All workers</b> .....	\$23.87	\$20.09	\$942	\$801	39.5	\$47,694	\$40,997	1,998
<b>Management occupations</b> .....	45.03	43.36	1,821	1,734	40.4	94,644	90,189	2,102
General and operations managers .....	44.43	47.09	1,825	1,884	41.1	94,921	97,943	2,136
Marketing and sales managers .....	40.92	33.17	1,621	1,302	39.6	84,275	67,698	2,060
Marketing managers .....	36.75	32.55	1,445	1,302	39.3	75,161	67,698	2,045
Financial managers .....	33.68	30.58	1,415	1,435	42.0	73,517	74,621	2,183
Industrial production managers .....	43.00	44.23	1,763	1,812	41.0	91,667	94,245	2,132
Education administrators .....	46.65	48.28	1,793	1,834	38.4	91,069	93,522	1,952
Medical and health services managers .....	29.65	31.62	1,186	1,292	40.0	61,696	67,207	2,081
<b>Business and financial operations occupations</b> .....	29.85	28.75	1,195	1,154	40.0	62,071	60,029	2,079
Buyers and purchasing agents .....	26.53	22.41	1,060	896	40.0	55,144	46,607	2,078
Human resources, training, and labor relations specialists .....	31.44	28.22	1,255	1,129	39.9	65,264	58,698	2,076
Training and development specialists .....	25.68	25.96	1,024	1,038	39.9	53,238	54,001	2,073
Management analysts .....	36.27	35.15	1,448	1,386	39.9	75,292	72,056	2,076
Accountants and auditors .....	29.00	27.02	1,160	1,081	40.0	60,323	56,200	2,080
<b>Computer and mathematical science occupations</b> .....	34.68	35.00	1,401	1,400	40.4	72,834	72,800	2,100
Computer programmers .....	30.27	30.29	1,211	1,212	40.0	62,970	63,003	2,080
Computer software engineers .....	41.40	38.28	1,656	1,531	40.0	86,106	79,622	2,080
Computer support specialists .....	20.53	18.57	821	743	40.0	42,711	38,626	2,080
Computer systems analysts .....	36.57	34.86	1,462	1,394	40.0	76,007	72,500	2,079
Network and computer systems administrators .....	31.30	32.45	1,330	1,298	42.5	69,158	67,498	2,209
<b>Architecture and engineering occupations</b> .....	34.55	35.58	1,394	1,433	40.3	72,472	74,514	2,098
Engineers .....	38.26	38.20	1,549	1,533	40.5	80,550	79,693	2,105
Mechanical engineers .....	33.33	33.29	1,407	1,385	42.2	73,169	72,014	2,195
Drafters .....	23.96	19.23	958	769	40.0	49,840	40,000	2,080
Engineering technicians, except drafters .....	25.89	25.20	1,036	1,008	40.0	53,811	52,374	2,079
Mechanical engineering technicians .....	24.13	20.00	965	800	40.0	50,184	41,600	2,080
<b>Life, physical, and social science occupations</b> .....	19.62	13.46	772	547	39.3	39,478	29,973	2,012
<b>Community and social services occupations</b> .....	24.30	20.40	937	816	38.5	45,920	42,432	1,890
Counselors .....	26.87	17.50	1,031	700	38.4	47,869	36,390	1,781
Educational, vocational, and school counselors .....	26.87	17.50	1,031	700	38.4	47,869	36,390	1,781
Social workers .....	24.68	20.40	963	816	39.0	48,455	42,432	1,963
Child, family, and school social workers .....	31.78	23.88	1,180	955	37.1	54,521	49,670	1,716
Mental health and substance abuse social workers .....	18.85	16.98	740	679	39.3	38,477	35,310	2,041
<b>Legal occupations</b> .....	42.24	42.72	1,669	1,699	39.5	86,805	88,350	2,055
Lawyers .....	50.01	52.22	1,984	2,024	39.7	103,151	105,225	2,063
<b>Education, training, and library occupations</b> .....	39.83	43.80	1,416	1,557	35.5	57,348	60,918	1,440
Postsecondary teachers .....	51.34	46.66	1,997	1,863	38.9	85,839	92,745	1,672
Primary, secondary, and special education school teachers .....	45.15	46.52	1,548	1,598	34.3	59,709	62,334	1,323
Preschool and kindergarten teachers .....	31.08	18.34	1,100	1,047	35.4	45,255	43,540	1,456

See footnotes at end of table.



Table 11. Full-time<sup>1</sup> civilian workers: Mean and median hourly, weekly, and annual earnings and mean weekly and annual hours, Detroit-Ann Arbor-Flint, MI, April 2006 — Continued

Occupation <sup>2</sup>	Hourly earnings <sup>3</sup>		Weekly earnings <sup>4</sup>			Annual earnings <sup>5</sup>		
	Mean	Median	Mean	Median	Mean weekly hours	Mean	Median	Mean annual hours
Elementary and middle school teachers .....	\$47.19	\$47.45	\$1,600	\$1,676	33.9	\$61,351	\$63,784	1,300
Elementary school teachers, except special education .....	46.88	47.50	1,585	1,715	33.8	60,593	63,473	1,293
Middle school teachers, except special and vocational education .....	49.07	44.78	1,688	1,589	34.4	66,204	68,960	1,349
Secondary school teachers .....	42.77	43.71	1,510	1,575	35.3	57,705	60,200	1,349
Secondary school teachers, except special and vocational education .....	42.77	43.71	1,510	1,575	35.3	57,705	60,200	1,349
Special education teachers .....	47.84	47.50	1,587	1,590	33.2	63,180	69,962	1,321
Special education teachers, preschool, kindergarten, and elementary school .....	48.38	53.16	1,586	1,710	32.8	61,937	63,521	1,280
Librarians .....	22.77	22.44	887	887	38.9	46,104	46,119	2,024
Teacher assistants .....	11.86	12.10	436	405	36.7	18,842	18,912	1,588
<b>Arts, design, entertainment, sports, and media occupations .....</b>	<b>28.81</b>	<b>30.72</b>	<b>1,148</b>	<b>1,135</b>	<b>39.9</b>	<b>57,601</b>	<b>58,571</b>	<b>2,000</b>
<b>Healthcare practitioner and technical occupations .....</b>	<b>35.02</b>	<b>26.88</b>	<b>1,392</b>	<b>1,024</b>	<b>39.7</b>	<b>72,295</b>	<b>53,352</b>	<b>2,064</b>
Physicians and surgeons .....	80.73	72.57	3,512	3,558	43.5	182,599	184,999	2,262
Registered nurses .....	28.53	28.17	1,116	1,119	39.1	58,030	58,178	2,034
Therapists .....	27.49	24.64	1,056	930	38.4	53,081	48,630	1,931
Clinical laboratory technologists and technicians .....	22.74	23.98	891	931	39.2	46,327	48,402	2,037
Medical and clinical laboratory technologists .....	24.82	24.95	968	969	39.0	50,317	50,398	2,027
Diagnostic related technologists and technicians .....	23.69	22.92	931	881	39.3	48,427	45,825	2,044
Radiologic technologists and technicians .....	23.90	22.92	934	881	39.1	48,593	45,825	2,033
Health diagnosing and treating practitioner support technicians .....	15.84	15.93	634	637	40.0	32,953	33,134	2,080
Pharmacy technicians .....	13.85	14.56	554	582	40.0	28,814	30,285	2,080
Licensed practical and licensed vocational nurses .....	22.11	20.65	842	821	38.1	43,769	42,702	1,979
Medical records and health information technicians .....	17.83	15.20	713	608	40.0	37,097	31,616	2,080
<b>Healthcare support occupations .....</b>	<b>11.78</b>	<b>11.30</b>	<b>460</b>	<b>440</b>	<b>39.0</b>	<b>23,920</b>	<b>22,880</b>	<b>2,030</b>
Nursing, psychiatric, and home health aides .....	11.01	10.67	435	426	39.6	22,641	22,150	2,057
Home health aides .....	10.09	10.00	403	400	40.0	20,979	20,800	2,080
Nursing aides, orderlies, and attendants .....	11.82	11.62	460	456	39.0	23,944	23,730	2,026
Miscellaneous healthcare support occupations .....	13.86	13.25	523	492	37.7	27,172	25,605	1,960
Medical assistants .....	11.98	11.50	458	437	38.2	23,805	22,724	1,987
<b>Protective service occupations .....</b>	<b>19.47</b>	<b>20.76</b>	<b>805</b>	<b>855</b>	<b>41.3</b>	<b>40,806</b>	<b>44,387</b>	<b>2,095</b>
Fire fighters .....	19.46	20.07	1,009	1,058	51.9	52,485	54,996	2,696
Bailiffs, correctional officers, and jailers .....	21.10	21.13	846	845	40.1	43,978	43,950	2,085
Correctional officers and jailers .....	21.10	21.13	846	845	40.1	43,978	43,950	2,085
Police officers .....	24.86	24.64	1,000	1,019	40.2	51,982	52,998	2,091
Police and sheriff's patrol officers .....	24.86	24.64	1,000	1,019	40.2	51,982	52,998	2,091
Miscellaneous protective service workers .....	12.43	10.69	473	418	38.0	18,681	16,286	1,502
<b>Food preparation and serving related occupations .....</b>	<b>8.95</b>	<b>8.19</b>	<b>331</b>	<b>300</b>	<b>37.0</b>	<b>17,025</b>	<b>15,600</b>	<b>1,902</b>

See footnotes at end of table.

Table 11. Full-time<sup>1</sup> civilian workers: Mean and median hourly, weekly, and annual earnings and mean weekly and annual hours, Detroit-Ann Arbor-Flint, MI, April 2006 — Continued

Occupation <sup>2</sup>	Hourly earnings <sup>3</sup>		Weekly earnings <sup>4</sup>			Annual earnings <sup>5</sup>		
	Mean	Median	Mean	Median	Mean weekly hours	Mean	Median	Mean annual hours
First-line supervisors/managers, food preparation and serving workers ..	\$13.39	\$13.31	\$570	\$600	42.6	\$29,188	\$29,164	2,179
First-line supervisors/managers of food preparation and serving workers .....	13.07	12.50	561	500	42.9	29,192	26,000	2,233
Cooks .....	10.29	10.00	374	350	36.4	19,151	17,290	1,862
Cooks, institution and cafeteria .....	11.81	11.72	442	463	37.4	21,619	23,150	1,831
Food service, tipped .....	4.05	3.50	149	140	36.9	7,689	7,280	1,898
Fast food and counter workers .....	8.23	7.00	286	210	34.8	14,746	10,920	1,791
Combined food preparation and serving workers, including fast food .....	8.11	7.00	280	210	34.5	14,391	10,920	1,775
<b>Building and grounds cleaning and maintenance occupations</b> .....	12.83	12.34	501	492	39.0	24,807	24,690	1,933
Building cleaning workers .....	12.98	12.70	505	500	38.9	26,133	25,667	2,014
Janitors and cleaners, except maids and housekeeping cleaners .....	13.29	12.92	526	513	39.6	27,315	26,674	2,055
Maids and housekeeping cleaners .....	11.29	9.43	407	330	36.1	20,832	17,170	1,845
Grounds maintenance workers .....	11.31	10.00	451	400	39.9	17,517	14,000	1,548
Landscaping and groundskeeping workers .....	11.31	10.00	451	400	39.9	17,517	14,000	1,548
<b>Personal care and service occupations</b> .....	11.28	9.52	431	359	38.2	22,413	18,655	1,987
Child care workers .....	11.19	9.98	445	399	39.8	23,026	20,758	2,058
<b>Sales and related occupations</b> .....	20.35	16.27	826	673	40.6	42,894	34,921	2,108
First-line supervisors/managers, sales workers .....	22.90	19.10	986	800	43.0	51,259	41,601	2,238
First-line supervisors/managers of non-retail sales workers .....	26.24	22.78	1,157	911	44.1	60,188	47,384	2,294
Retail sales workers .....	13.43	10.69	540	412	40.2	27,969	21,424	2,083
Cashiers, all workers .....	9.34	8.25	373	330	39.9	19,381	17,160	2,076
Cashiers .....	9.34	8.25	373	330	39.9	19,381	17,160	2,076
Retail salespersons .....	14.22	12.42	577	497	40.6	30,010	25,834	2,110
Sales representatives, wholesale and manufacturing .....	30.24	26.44	1,232	1,076	40.7	63,977	55,946	2,116
Sales representatives, wholesale and manufacturing, except technical and scientific products .....	31.84	26.90	1,307	1,189	41.0	67,820	61,835	2,130
<b>Office and administrative support occupations</b> .....	15.84	14.91	626	587	39.5	32,432	30,410	2,047
First-line supervisors/managers of office and administrative support workers .....	19.38	17.55	775	702	40.0	40,313	36,504	2,080
Financial clerks .....	15.34	14.13	604	565	39.4	31,419	29,374	2,049
Billing and posting clerks and machine operators .....	14.79	14.13	582	565	39.4	30,272	29,382	2,047
Bookkeeping, accounting, and auditing clerks .....	18.04	17.93	694	697	38.5	36,066	36,234	2,000
Tellers .....	12.71	12.86	508	514	40.0	26,438	26,749	2,080
Customer service representatives .....	16.18	15.09	643	601	39.7	33,440	31,242	2,066
Receptionists and information clerks ..	12.21	11.49	485	460	39.7	25,223	23,899	2,066
Dispatchers .....	16.66	14.13	666	565	40.0	34,653	29,390	2,080
Production, planning, and expediting clerks .....	21.92	25.35	877	1,014	40.0	45,603	52,732	2,080
Shipping, receiving, and traffic clerks .....	16.24	13.89	649	556	40.0	33,721	28,891	2,077
Stock clerks and order fillers .....	11.63	10.90	465	436	40.0	24,200	22,672	2,080

See footnotes at end of table.

Table 11. Full-time<sup>1</sup> civilian workers: Mean and median hourly, weekly, and annual earnings and mean weekly and annual hours, Detroit-Ann Arbor-Flint, MI, April 2006 — Continued

Occupation <sup>2</sup>	Hourly earnings <sup>3</sup>		Weekly earnings <sup>4</sup>			Annual earnings <sup>5</sup>		
	Mean	Median	Mean	Median	Mean weekly hours	Mean	Median	Mean annual hours
Weighers, measurers, checkers, and samplers, recordkeeping .....	\$13.23	\$13.52	\$529	\$541	40.0	\$27,509	\$28,124	2,080
Secretaries and administrative assistants .....	17.79	16.29	696	651	39.1	35,627	33,573	2,003
Executive secretaries and administrative assistants .....	23.16	25.36	917	951	39.6	47,682	49,450	2,059
Medical secretaries .....	15.05	15.22	593	609	39.4	30,860	31,658	2,050
Secretaries, except legal, medical, and executive .....	15.22	14.96	591	574	38.8	29,952	28,999	1,969
Computer operators .....	15.22	17.76	570	537	37.5	29,092	27,924	1,911
Data entry and information processing workers .....	13.68	14.59	544	584	39.7	28,279	30,345	2,067
Word processors and typists .....	14.46	14.91	573	597	39.6	29,785	31,021	2,060
Insurance claims and policy processing clerks .....	17.73	17.87	691	692	39.0	35,923	36,000	2,026
Office clerks, general .....	14.46	14.75	567	590	39.2	29,455	30,684	2,037
<b>Construction and extraction occupations</b> .....	24.05	24.02	956	960	39.7	43,487	41,600	1,808
First-line supervisors/managers of construction trades and extraction workers .....	27.69	26.10	1,106	1,044	39.9	53,848	54,288	1,944
Construction laborers .....	18.79	20.00	743	800	39.6	36,737	41,600	1,956
Construction equipment operators .....	27.56	26.40	1,103	1,056	40.0	50,137	54,912	1,819
Operating engineers and other construction equipment operators .....	27.56	26.40	1,103	1,056	40.0	50,137	54,912	1,819
Electricians .....	31.92	32.21	1,275	1,288	39.9	66,283	66,997	2,076
Pipelayers, plumbers, pipefitters, and steamfitters .....	23.32	24.00	933	960	40.0	38,670	27,200	1,658
Plumbers, pipefitters, and steamfitters .....	23.32	24.00	933	960	40.0	38,670	27,200	1,658
Construction and building inspectors ..	27.27	27.40	1,069	1,096	39.2	55,568	57,000	2,038
Miscellaneous construction and related workers .....	15.34	16.00	597	480	38.9	27,849	27,714	1,815
<b>Installation, maintenance, and repair occupations</b> .....	21.24	21.59	860	864	40.5	44,700	44,907	2,105
First-line supervisors/managers of mechanics, installers, and repairers .....	32.22	34.69	1,289	1,387	40.0	67,013	72,149	2,080
Automotive technicians and repairers .....	14.51	13.29	611	536	42.1	31,769	27,872	2,189
Automotive service technicians and mechanics .....	15.57	15.00	671	600	43.1	34,896	31,200	2,242
Bus and truck mechanics and diesel engine specialists .....	19.29	20.04	771	802	40.0	40,102	41,683	2,079
Industrial machinery installation, repair, and maintenance workers .....	26.05	25.40	1,042	1,016	40.0	54,185	52,832	2,080
Industrial machinery mechanics .....	28.52	31.99	1,141	1,280	40.0	59,316	66,539	2,080
Maintenance and repair workers, general .....	19.02	19.76	761	790	40.0	39,568	41,101	2,080
Millwrights .....	31.36	31.68	1,255	1,267	40.0	65,235	65,894	2,080
<b>Production occupations</b> .....	21.64	23.17	862	902	39.8	44,812	46,571	2,071
First-line supervisors/managers of production and operating workers .....	25.91	23.68	1,073	1,183	41.4	55,821	61,506	2,154
Miscellaneous assemblers and fabricators .....	25.38	28.02	1,015	1,121	40.0	52,783	58,282	2,080
Team assemblers .....	24.96	28.05	998	1,122	40.0	51,910	58,344	2,080
Computer control programmers and operators .....	25.20	26.28	1,008	1,051	40.0	52,406	54,662	2,080

See footnotes at end of table.

Table 11. Full-time<sup>1</sup> civilian workers: Mean and median hourly, weekly, and annual earnings and mean weekly and annual hours, Detroit-Ann Arbor-Flint, MI, April 2006 — Continued

Occupation <sup>2</sup>	Hourly earnings <sup>3</sup>		Weekly earnings <sup>4</sup>			Annual earnings <sup>5</sup>		
	Mean	Median	Mean	Median	Mean weekly hours	Mean	Median	Mean annual hours
Computer-controlled machine tool operators, metal and plastic .....	\$22.23	\$21.80	\$889	\$872	40.0	\$46,228	\$45,344	2,080
Machine tool cutting setters, operators, and tenders, metal and plastic .....	21.16	21.28	846	851	40.0	43,871	43,411	2,073
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic .....	20.57	20.27	823	811	40.0	42,668	41,351	2,075
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic .....	21.34	20.20	854	808	40.0	44,092	42,016	2,066
Machinists .....	19.60	18.22	784	729	40.0	40,770	37,898	2,080
Multiple machine tool setters, operators, and tenders, metal and plastic .....	20.84	20.27	834	811	40.0	43,350	42,166	2,080
Tool and die makers .....	28.60	31.31	1,144	1,252	40.0	59,413	65,125	2,077
Welding, soldering, and brazing workers .....	25.52	27.69	1,021	1,108	40.0	53,085	57,595	2,080
Welders, cutters, solderers, and brazers .....	24.34	27.69	974	1,108	40.0	50,630	57,595	2,080
Laundry and dry-cleaning workers .....	9.66	9.45	364	378	37.7	18,912	19,664	1,959
Inspectors, testers, sorters, samplers, and weighers .....	19.92	16.50	797	660	40.0	41,423	34,320	2,080
Packaging and filling machine operators and tenders .....	13.74	14.94	549	598	40.0	28,564	31,075	2,079
Miscellaneous production workers .....	18.87	16.88	755	675	40.0	39,255	35,110	2,080
<b>Transportation and material moving occupations</b> .....	20.28	16.28	778	650	38.3	39,864	33,072	1,965
First-line supervisors/managers of helpers, laborers, and material movers, hand .....	23.84	23.00	992	920	41.6	51,601	47,840	2,164
First-line supervisors/managers of transportation and material-moving machine and vehicle operators .....	19.17	13.22	803	529	41.9	41,782	27,500	2,179
Bus drivers .....	15.75	16.28	585	549	37.2	24,644	20,483	1,565
Bus drivers, school .....	15.23	15.98	542	525	35.6	20,617	20,483	1,353
Driver/sales workers and truck drivers .....	16.94	17.29	663	650	39.2	33,466	33,072	1,976
Driver/sales workers .....	13.93	14.24	561	575	40.2	29,146	29,899	2,092
Truck drivers, heavy and tractor-trailer .....	18.20	18.21	701	688	38.5	34,681	33,696	1,906
Truck drivers, light or delivery services .....	17.11	12.55	684	502	40.0	35,590	26,102	2,080
Industrial truck and tractor operators ..	19.35	15.75	774	630	40.0	40,254	32,760	2,080
Laborers and material movers, hand ..	14.59	11.75	584	470	40.0	30,352	24,440	2,080
Laborers and freight, stock, and material movers, hand .....	15.82	13.10	633	524	40.0	32,902	27,248	2,080
Packers and packagers, hand .....	10.53	9.95	421	398	40.0	21,901	20,696	2,080

<sup>1</sup> Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Therefore, a worker with a 35-hour-per-week schedule might be considered a full-time employee in one establishment, but classified as part-time in another firm, where a 40-hour week is the minimum full-time schedule.

<sup>2</sup> Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. See appendix B for more information.

<sup>3</sup> Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, holidays, nonproduction bonuses, and tips. The mean is computed by totaling the pay of all workers and dividing by the number of workers, weighted by hours. See appendix A for more information.

<sup>4</sup> Mean weekly earnings are the straight-time weekly wages or salaries

paid to employees. Median weekly earnings designates position - one-half of the hours are paid the same as or more than the rate shown. Mean weekly hours are the hours an employee is scheduled to work in a week, exclusive of overtime.

<sup>5</sup> Mean annual earnings are the straight-time annual wages or salaries paid to employees. Median annual earnings designates position - one-half of the hours are paid the same as or more than the rate shown. Mean annual hours are the hours an employee is scheduled to work in a year, exclusive of overtime.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria. Overall occupational groups may include data for categories not shown separately.

Table 12. Full-time<sup>1</sup> private industry workers: Mean and median hourly, weekly, and annual earnings and mean weekly and annual hours, Detroit-Ann Arbor-Flint, MI, April 2006

Occupation <sup>2</sup>	Hourly earnings <sup>3</sup>		Weekly earnings <sup>4</sup>			Annual earnings <sup>5</sup>		
	Mean	Median	Mean	Median	Mean weekly hours	Mean	Median	Mean annual hours
<b>All workers</b> .....	\$23.34	\$19.75	\$925	\$785	39.6	\$47,413	\$39,585	2,031
<b>Management occupations</b> .....	45.12	43.98	1,831	1,769	40.6	95,215	91,994	2,110
General and operations managers .....	44.43	47.09	1,825	1,884	41.1	94,921	97,943	2,136
Marketing and sales managers .....	40.92	33.17	1,621	1,302	39.6	84,275	67,698	2,060
Marketing managers .....	36.75	32.55	1,445	1,302	39.3	75,161	67,698	2,045
Financial managers .....	33.43	30.21	1,416	1,435	42.3	73,526	74,621	2,200
Industrial production managers .....	43.00	44.23	1,763	1,812	41.0	91,667	94,245	2,132
Medical and health services managers .....	27.82	29.45	1,122	1,178	40.3	58,336	61,258	2,097
<b>Business and financial operations occupations</b> .....	30.01	28.86	1,201	1,183	40.0	62,441	61,533	2,081
Buyers and purchasing agents .....	26.54	22.41	1,062	896	40.0	55,208	46,607	2,080
Human resources, training, and labor relations specialists .....	31.96	27.40	1,275	1,096	39.9	66,315	57,000	2,075
Management analysts .....	36.27	35.15	1,448	1,386	39.9	75,292	72,056	2,076
Accountants and auditors .....	29.06	26.92	1,162	1,077	40.0	60,445	56,000	2,080
<b>Computer and mathematical science occupations</b> .....	34.63	35.00	1,399	1,400	40.4	72,740	72,800	2,101
Computer programmers .....	29.38	29.71	1,175	1,188	40.0	61,118	61,797	2,080
Computer software engineers .....	41.40	38.28	1,656	1,531	40.0	86,106	79,622	2,080
Computer support specialists .....	20.53	18.57	821	743	40.0	42,711	38,626	2,080
Computer systems analysts .....	36.57	34.86	1,462	1,394	40.0	76,007	72,500	2,079
Network and computer systems administrators .....	31.30	32.45	1,330	1,298	42.5	69,158	67,498	2,209
<b>Architecture and engineering occupations</b> .....	34.71	35.66	1,401	1,439	40.4	72,825	74,832	2,098
Engineers .....	38.26	38.20	1,549	1,533	40.5	80,550	79,693	2,105
Mechanical engineers .....	33.33	33.29	1,407	1,385	42.2	73,169	72,014	2,195
Drafters .....	23.96	19.23	958	769	40.0	49,840	40,000	2,080
Engineering technicians, except drafters .....	26.23	26.46	1,049	1,058	40.0	54,516	55,037	2,078
Mechanical engineering technicians .....	24.13	20.00	965	800	40.0	50,184	41,600	2,080
<b>Life, physical, and social science occupations</b> .....	23.20	21.28	925	851	39.9	48,086	44,260	2,073
<b>Community and social services occupations</b> .....	21.34	20.40	853	816	40.0	44,377	42,432	2,080
Social workers .....	21.60	20.40	864	816	40.0	44,935	42,432	2,080
<b>Legal occupations</b> .....	46.22	49.79	1,833	1,991	39.7	95,340	103,557	2,063
<b>Education, training, and library occupations</b> .....	20.01	16.34	779	654	38.9	35,436	33,466	1,771
<b>Arts, design, entertainment, sports, and media occupations</b> .....	29.13	30.72	1,161	1,206	39.9	58,194	58,571	1,998
<b>Healthcare practitioner and technical occupations</b> .....	35.83	27.00	1,424	1,045	39.7	74,047	54,346	2,066
Physicians and surgeons .....	89.00	75.18	3,926	4,135	44.1	204,142	215,001	2,294
Registered nurses .....	28.71	28.59	1,120	1,121	39.0	58,264	58,300	2,029
Therapists .....	23.07	22.88	889	883	38.5	46,241	45,906	2,004
Clinical laboratory technologists and technicians .....	22.59	23.79	884	911	39.1	45,956	47,382	2,034
Medical and clinical laboratory technologists .....	24.81	24.95	965	970	38.9	50,178	50,461	2,023
Diagnostic related technologists and technicians .....	24.07	22.92	944	881	39.2	49,084	45,825	2,039

See footnotes at end of table.

Table 12. Full-time<sup>1</sup> private industry workers: Mean and median hourly, weekly, and annual earnings and mean weekly and annual hours, Detroit-Ann Arbor-Flint, MI, April 2006 — Continued

Occupation <sup>2</sup>	Hourly earnings <sup>3</sup>		Weekly earnings <sup>4</sup>			Annual earnings <sup>5</sup>		
	Mean	Median	Mean	Median	Mean weekly hours	Mean	Median	Mean annual hours
Radiologic technologists and technicians .....	\$23.90	\$22.92	\$934	\$881	39.1	\$48,593	\$45,825	2,033
Health diagnosing and treating practitioner support technicians ....	15.84	15.92	633	637	40.0	32,939	33,114	2,080
Pharmacy technicians .....	13.71	14.56	548	582	40.0	28,507	30,285	2,080
Licensed practical and licensed vocational nurses .....	22.45	21.25	846	826	37.7	44,016	42,952	1,961
<b>Healthcare support occupations .....</b>	<b>11.64</b>	<b>11.15</b>	<b>454</b>	<b>440</b>	<b>39.0</b>	<b>23,620</b>	<b>22,880</b>	<b>2,029</b>
Nursing, psychiatric, and home health aides .....	10.80	10.65	427	426	39.6	22,209	22,150	2,057
Home health aides .....	10.09	10.00	403	400	40.0	20,979	20,800	2,080
Nursing aides, orderlies, and attendants .....	11.81	11.61	460	456	39.0	23,920	23,730	2,026
Miscellaneous healthcare support occupations .....	13.88	13.25	522	486	37.6	27,169	25,272	1,958
Medical assistants .....	11.98	11.50	458	437	38.2	23,805	22,724	1,987
<b>Food preparation and serving related occupations .....</b>	<b>8.92</b>	<b>8.00</b>	<b>331</b>	<b>300</b>	<b>37.1</b>	<b>17,063</b>	<b>15,600</b>	<b>1,914</b>
First-line supervisors/managers, food preparation and serving workers ..	13.39	13.31	570	600	42.6	29,188	29,164	2,179
First-line supervisors/managers of food preparation and serving workers .....	13.07	12.50	561	500	42.9	29,192	26,000	2,233
Cooks .....	10.27	10.00	374	350	36.4	19,126	17,290	1,862
Cooks, institution and cafeteria .....	11.78	11.72	440	453	37.4	21,543	23,150	1,829
Food service, tipped .....	4.05	3.50	149	140	36.9	7,689	7,280	1,898
Fast food and counter workers .....	8.14	7.00	285	210	35.0	14,798	10,920	1,818
Combined food preparation and serving workers, including fast food .....	8.01	7.00	278	210	34.7	14,431	10,920	1,802
<b>Building and grounds cleaning and maintenance occupations .....</b>	<b>11.85</b>	<b>10.30</b>	<b>460</b>	<b>408</b>	<b>38.8</b>	<b>22,416</b>	<b>20,280</b>	<b>1,891</b>
Building cleaning workers .....	12.18	10.92	470	424	38.6	24,298	22,048	1,996
Janitors and cleaners, except maids and housekeeping cleaners .....	12.45	11.32	491	446	39.4	25,486	23,088	2,047
Maids and housekeeping cleaners .....	11.28	9.43	407	330	36.0	20,792	17,170	1,843
<b>Sales and related occupations .....</b>	<b>20.35</b>	<b>16.27</b>	<b>826</b>	<b>673</b>	<b>40.6</b>	<b>42,894</b>	<b>34,921</b>	<b>2,108</b>
First-line supervisors/managers, sales workers .....	22.90	19.10	986	800	43.0	51,259	41,601	2,238
First-line supervisors/managers of non-retail sales workers .....	26.24	22.78	1,157	911	44.1	60,188	47,384	2,294
Retail sales workers .....	13.43	10.69	540	412	40.2	27,969	21,424	2,083
Cashiers, all workers .....	9.34	8.25	373	330	39.9	19,381	17,160	2,076
Cashiers .....	9.34	8.25	373	330	39.9	19,381	17,160	2,076
Retail salespersons .....	14.22	12.42	577	497	40.6	30,010	25,834	2,110
Sales representatives, wholesale and manufacturing .....	30.24	26.44	1,232	1,076	40.7	63,977	55,946	2,116
Sales representatives, wholesale and manufacturing, except technical and scientific products .....	31.84	26.90	1,307	1,189	41.0	67,820	61,835	2,130
<b>Office and administrative support occupations .....</b>	<b>15.59</b>	<b>14.50</b>	<b>616</b>	<b>574</b>	<b>39.5</b>	<b>32,047</b>	<b>29,848</b>	<b>2,055</b>
First-line supervisors/managers of office and administrative support workers .....	19.19	17.55	768	702	40.0	39,919	36,504	2,080
Financial clerks .....	15.16	14.12	597	560	39.4	31,045	29,120	2,048

See footnotes at end of table.

Table 12. Full-time<sup>1</sup> private industry workers: Mean and median hourly, weekly, and annual earnings and mean weekly and annual hours, Detroit-Ann Arbor-Flint, MI, April 2006 — Continued

Occupation <sup>2</sup>	Hourly earnings <sup>3</sup>		Weekly earnings <sup>4</sup>			Annual earnings <sup>5</sup>		
	Mean	Median	Mean	Median	Mean weekly hours	Mean	Median	Mean annual hours
Billing and posting clerks and machine operators .....	\$14.69	\$14.13	\$578	\$565	39.3	\$30,055	\$29,382	2,045
Bookkeeping, accounting, and auditing clerks .....	17.90	18.06	685	678	38.3	35,599	35,277	1,989
Tellers .....	12.71	12.86	508	514	40.0	26,438	26,749	2,080
Customer service representatives .....	16.18	15.09	643	601	39.7	33,440	31,242	2,066
Receptionists and information clerks ..	12.21	11.49	485	460	39.7	25,223	23,899	2,066
Production, planning, and expediting clerks .....	21.92	25.35	877	1,014	40.0	45,603	52,732	2,080
Shipping, receiving, and traffic clerks .....	16.24	13.89	649	556	40.0	33,721	28,891	2,077
Stock clerks and order fillers .....	11.63	10.90	465	436	40.0	24,200	22,672	2,080
Weighers, measurers, checkers, and samplers, recordkeeping .....	13.23	13.52	529	541	40.0	27,509	28,124	2,080
Secretaries and administrative assistants .....	17.50	16.34	685	651	39.2	35,636	33,877	2,037
Executive secretaries and administrative assistants .....	21.99	21.54	868	865	39.5	45,129	45,003	2,052
Medical secretaries .....	14.89	15.22	586	609	39.4	30,468	31,658	2,047
Secretaries, except legal, medical, and executive .....	14.74	14.50	573	558	38.9	29,800	28,999	2,021
Data entry and information processing workers .....	14.15	14.59	564	584	39.9	29,351	30,345	2,075
Insurance claims and policy processing clerks .....	17.55	17.87	683	692	38.9	35,533	36,000	2,024
Office clerks, general .....	13.87	14.00	540	524	38.9	28,061	27,265	2,023
<b>Construction and extraction occupations</b> .....	23.99	24.00	954	960	39.8	42,500	41,600	1,772
First-line supervisors/managers of construction trades and extraction workers .....	28.03	26.10	1,121	1,044	40.0	54,025	54,288	1,928
Construction laborers .....	18.77	20.00	743	800	39.6	36,659	41,600	1,953
Electricians .....	32.18	32.21	1,287	1,288	40.0	66,937	66,997	2,080
Miscellaneous construction and related workers .....	15.34	16.00	597	480	38.9	27,849	27,714	1,815
<b>Installation, maintenance, and repair occupations</b> .....	21.23	21.77	860	871	40.5	44,708	45,282	2,106
First-line supervisors/managers of mechanics, installers, and repairers .....	32.22	34.69	1,289	1,387	40.0	67,013	72,149	2,080
Automotive technicians and repairers .....	14.37	13.29	605	520	42.1	31,480	27,040	2,191
Bus and truck mechanics and diesel engine specialists .....	18.65	17.73	746	709	40.0	38,780	36,870	2,079
Industrial machinery installation, repair, and maintenance workers .....	26.32	25.40	1,053	1,016	40.0	54,754	52,832	2,080
Industrial machinery mechanics .....	28.52	31.99	1,141	1,280	40.0	59,316	66,539	2,080
Maintenance and repair workers, general .....	18.47	19.38	739	775	40.0	38,426	40,310	2,080
Millwrights .....	31.36	31.68	1,255	1,267	40.0	65,235	65,894	2,080
<b>Production occupations</b> .....	21.65	22.59	863	899	39.8	44,836	46,571	2,071
First-line supervisors/managers of production and operating workers .....	25.91	23.68	1,073	1,183	41.4	55,821	61,506	2,154
Miscellaneous assemblers and fabricators .....	25.38	28.02	1,015	1,121	40.0	52,783	58,282	2,080
Team assemblers .....	24.96	28.05	998	1,122	40.0	51,910	58,344	2,080
Computer control programmers and operators .....	25.20	26.28	1,008	1,051	40.0	52,406	54,662	2,080
Computer-controlled machine tool operators, metal and plastic .....	22.23	21.80	889	872	40.0	46,228	45,344	2,080

See footnotes at end of table.

Table 12. Full-time<sup>1</sup> private industry workers: Mean and median hourly, weekly, and annual earnings and mean weekly and annual hours, Detroit-Ann Arbor-Flint, MI, April 2006 — Continued

Occupation <sup>2</sup>	Hourly earnings <sup>3</sup>		Weekly earnings <sup>4</sup>			Annual earnings <sup>5</sup>		
	Mean	Median	Mean	Median	Mean weekly hours	Mean	Median	Mean annual hours
Machine tool cutting setters, operators, and tenders, metal and plastic .....	\$21.16	\$21.28	\$846	\$851	40.0	\$43,871	\$43,411	2,073
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic .....	20.57	20.27	823	811	40.0	42,668	41,351	2,075
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic .....	21.34	20.20	854	808	40.0	44,092	42,016	2,066
Machinists .....	19.60	18.22	784	729	40.0	40,770	37,898	2,080
Multiple machine tool setters, operators, and tenders, metal and plastic .....	20.84	20.27	834	811	40.0	43,350	42,166	2,080
Tool and die makers .....	28.60	31.31	1,144	1,252	40.0	59,413	65,125	2,077
Welding, soldering, and brazing workers .....	25.52	27.69	1,021	1,108	40.0	53,085	57,595	2,080
Welders, cutters, solderers, and brazers .....	24.34	27.69	974	1,108	40.0	50,630	57,595	2,080
Laundry and dry-cleaning workers .....	9.65	9.45	363	378	37.7	18,887	19,664	1,958
Inspectors, testers, sorters, samplers, and weighers .....	19.92	16.50	797	660	40.0	41,423	34,320	2,080
Packaging and filling machine operators and tenders .....	13.74	14.94	549	598	40.0	28,564	31,075	2,079
Miscellaneous production workers .....	18.87	16.88	755	675	40.0	39,255	35,110	2,080
<b>Transportation and material moving occupations</b> .....	20.58	16.59	789	653	38.3	40,761	33,799	1,981
First-line supervisors/managers of helpers, laborers, and material movers, hand .....	23.84	23.00	992	920	41.6	51,601	47,840	2,164
First-line supervisors/managers of transportation and material-moving machine and vehicle operators .....	19.17	13.22	803	529	41.9	41,782	27,500	2,179
Driver/sales workers and truck drivers .....	17.01	17.29	665	660	39.1	33,524	32,500	1,971
Driver/sales workers .....	13.93	14.24	561	575	40.2	29,146	29,899	2,092
Truck drivers, heavy and tractor-trailer .....	18.36	18.21	705	725	38.4	34,783	33,696	1,895
Truck drivers, light or delivery services .....	17.33	12.55	693	502	40.0	36,051	26,102	2,080
Industrial truck and tractor operators ..	19.35	15.75	774	630	40.0	40,254	32,760	2,080
Laborers and material movers, hand ..	14.60	11.75	584	470	40.0	30,362	24,440	2,080
Laborers and freight, stock, and material movers, hand .....	15.84	13.10	634	524	40.0	32,954	27,248	2,080
Packers and packagers, hand .....	10.53	9.95	421	398	40.0	21,901	20,696	2,080

<sup>1</sup> Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Therefore, a worker with a 35-hour-per-week schedule might be considered a full-time employee in one establishment, but classified as part-time in another firm, where a 40-hour week is the minimum full-time schedule.

<sup>2</sup> Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. See appendix B for more information.

<sup>3</sup> Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, holidays, nonproduction bonuses, and tips. The mean is computed by totaling the pay of all workers and dividing by the number of workers, weighted by hours. See appendix A for more information.

<sup>4</sup> Mean weekly earnings are the straight-time weekly wages or salaries

paid to employees. Median weekly earnings designates position - one-half of the hours are paid the same as or more than the rate shown. Mean weekly hours are the hours an employee is scheduled to work in a week, exclusive of overtime.

<sup>5</sup> Mean annual earnings are the straight-time annual wages or salaries paid to employees. Median annual earnings designates position - one-half of the hours are paid the same as or more than the rate shown. Mean annual hours are the hours an employee is scheduled to work in a year, exclusive of overtime.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria. Overall occupational groups may include data for categories not shown separately.



Table 13. Full-time<sup>1</sup> State and local government workers: Mean and median hourly, weekly, and annual earnings and mean weekly and annual hours, Detroit-Ann Arbor-Flint, MI, April 2006

Occupation <sup>2</sup>	Hourly earnings <sup>3</sup>		Weekly earnings <sup>4</sup>			Annual earnings <sup>5</sup>		
	Mean	Median	Mean	Median	Mean weekly hours	Mean	Median	Mean annual hours
<b>All workers</b> .....	\$27.46	\$22.05	\$1,054	\$914	38.4	\$49,398	\$47,380	1,799
<b>Management occupations</b> .....	44.00	38.37	1,716	1,535	39.0	88,608	79,799	2,014
Education administrators .....	55.88	51.59	2,116	1,931	37.9	106,553	100,422	1,907
<b>Business and financial operations occupations</b> .....	26.66	28.75	1,065	1,150	39.9	54,537	59,808	2,045
<b>Life, physical, and social science occupations</b> .....	17.72	13.22	692	529	39.0	35,107	27,500	1,981
<b>Community and social services occupations</b> .....	27.76	22.63	1,027	905	37.0	47,397	47,070	1,708
Counselors .....	29.57	17.50	1,120	700	37.9	50,420	36,390	1,705
Educational, vocational, and school counselors .....	29.57	17.50	1,120	700	37.9	50,420	36,390	1,705
Social workers .....	32.52	24.06	1,195	955	36.7	55,867	52,884	1,718
Mental health and substance abuse social workers .....	22.98	22.04	880	835	38.3	45,735	43,405	1,991
<b>Education, training, and library occupations</b> .....	45.19	46.14	1,570	1,657	34.7	61,938	63,521	1,370
Postsecondary teachers .....	56.00	49.67	2,168	1,863	38.7	93,691	92,745	1,673
Primary, secondary, and special education school teachers .....	47.69	47.50	1,615	1,661	33.9	61,738	63,521	1,295
Preschool and kindergarten teachers .....	42.45	40.22	1,377	1,458	32.4	51,864	54,096	1,222
Elementary and middle school teachers .....	48.46	47.50	1,640	1,715	33.8	62,577	63,784	1,291
Elementary school teachers, except special education .....	48.35	47.93	1,631	1,715	33.7	61,977	63,784	1,282
Middle school teachers, except special and vocational education .....	49.07	44.78	1,688	1,589	34.4	66,204	68,960	1,349
Secondary school teachers .....	46.33	46.35	1,597	1,657	34.5	60,495	62,277	1,306
Secondary school teachers, except special and vocational education .....	46.33	46.35	1,597	1,657	34.5	60,495	62,277	1,306
Special education teachers .....	47.84	47.50	1,587	1,590	33.2	63,180	69,962	1,321
Special education teachers, preschool, kindergarten, and elementary school .....	48.38	53.16	1,586	1,710	32.8	61,937	63,521	1,280
Librarians .....	22.77	22.44	887	887	38.9	46,104	46,119	2,024
Teacher assistants .....	14.00	13.34	468	465	33.4	17,759	17,250	1,268
<b>Healthcare practitioner and technical occupations</b> .....	28.96	24.53	1,153	981	39.8	59,345	51,012	2,049
Registered nurses .....	27.21	27.79	1,083	1,112	39.8	56,293	57,803	2,069
<b>Protective service occupations</b> .....	22.04	22.40	922	919	41.8	46,309	47,773	2,101
Fire fighters .....	19.46	20.07	1,009	1,058	51.9	52,485	54,996	2,696
Bailiffs, correctional officers, and jailers .....	21.10	21.13	846	845	40.1	43,978	43,950	2,085
Correctional officers and jailers .....	21.10	21.13	846	845	40.1	43,978	43,950	2,085
Police officers .....	24.86	24.64	1,000	1,019	40.2	51,982	52,998	2,091
Police and sheriff's patrol officers .....	24.86	24.64	1,000	1,019	40.2	51,982	52,998	2,091
Miscellaneous protective service workers .....	12.43	10.69	473	418	38.0	18,681	16,286	1,502
<b>Food preparation and serving related occupations</b> .....	11.85	12.04	371	369	31.3	15,026	14,091	1,268
<b>Building and grounds cleaning and maintenance occupations</b> .....	15.91	15.56	635	622	39.9	33,043	32,365	2,077
Building cleaning workers .....	15.58	15.56	622	622	39.9	32,365	32,365	2,077

See footnotes at end of table.

Table 13. Full-time<sup>1</sup> State and local government workers: Mean and median hourly, weekly, and annual earnings and mean weekly and annual hours, Detroit-Ann Arbor-Flint, MI, April 2006 — Continued

Occupation <sup>2</sup>	Hourly earnings <sup>3</sup>		Weekly earnings <sup>4</sup>			Annual earnings <sup>5</sup>		
	Mean	Median	Mean	Median	Mean weekly hours	Mean	Median	Mean annual hours
Janitors and cleaners, except maids and housekeeping cleaners .....	\$15.49	\$15.23	\$619	\$609	39.9	\$32,168	\$31,678	2,077
Grounds maintenance workers .....	16.57	13.08	661	523	39.9	34,389	27,206	2,076
Landscaping and groundskeeping workers .....	16.57	13.08	661	523	39.9	34,389	27,206	2,076
<b>Office and administrative support occupations .....</b>	17.34	16.14	684	646	39.5	34,711	32,022	2,002
Financial clerks .....	18.48	17.93	734	717	39.8	38,193	37,294	2,067
Secretaries and administrative assistants .....	18.47	16.14	722	646	39.1	35,605	31,874	1,928
Executive secretaries and administrative assistants .....	26.80	28.33	1,072	1,133	40.0	55,746	58,928	2,080
Secretaries, except legal, medical, and executive .....	16.04	15.97	622	639	38.8	30,200	28,998	1,883
Office clerks, general .....	15.69	15.26	623	610	39.7	32,404	31,741	2,066
<b>Construction and extraction occupations .....</b>	24.44	25.02	968	946	39.6	50,340	49,171	2,060
Construction and building inspectors ..	27.32	27.40	1,069	1,096	39.1	55,583	57,000	2,034
<b>Installation, maintenance, and repair occupations .....</b>	21.41	20.53	856	821	40.0	44,532	42,702	2,080
<b>Transportation and material moving occupations .....</b>	15.72	15.90	603	562	38.4	27,627	27,601	1,758
Bus drivers .....	15.75	16.28	585	549	37.2	24,644	20,483	1,565
Bus drivers, school .....	15.23	15.98	542	525	35.6	20,617	20,483	1,353

<sup>1</sup> Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Therefore, a worker with a 35-hour-per-week schedule might be considered a full-time employee in one establishment, but classified as part-time in another firm, where a 40-hour week is the minimum full-time schedule.

<sup>2</sup> Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. See appendix B for more information.

<sup>3</sup> Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, holidays, nonproduction bonuses, and tips. The mean is computed by totaling the pay of all workers and dividing by the number of workers, weighted by hours. See appendix A for more information.

<sup>4</sup> Mean weekly earnings are the straight-time weekly wages or salaries

paid to employees. Median weekly earnings designates position - one-half of the hours are paid the same as or more than the rate shown. Mean weekly hours are the hours an employee is scheduled to work in a week, exclusive of overtime.

<sup>5</sup> Mean annual earnings are the straight-time annual wages or salaries paid to employees. Median annual earnings designates position - one-half of the hours are paid the same as or more than the rate shown. Mean annual hours are the hours an employee is scheduled to work in a year, exclusive of overtime.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria. Overall occupational groups may include data for categories not shown separately.

Table 14. **Size of establishment: Mean hourly earnings<sup>1</sup> of private industry establishments for major occupational groups, Detroit-Ann Arbor-Flint, MI, April 2006**

Occupational group <sup>2</sup>	Total	1-99 workers	100-499 workers	500 workers or more
<b>All workers</b> .....	\$21.90	\$18.28	\$17.93	\$29.56
Management, professional, and related .....	34.85	34.62	28.84	37.85
Management, business, and financial .....	37.75	29.17	33.51	44.66
Professional and related .....	33.29	37.89	26.80	34.04
Service .....	9.66	8.61	10.12	12.32
Sales and office .....	15.90	15.77	15.06	17.74
Sales and related .....	17.59	17.96	15.05	28.09
Office and administrative support .....	15.05	14.12	15.07	16.73
Natural resources, construction, and maintenance .....	22.19	19.29	21.49	28.34
Construction and extraction .....	23.99	21.27	—	—
Installation, maintenance, and repair .....	21.04	16.64	21.21	26.68
Production, transportation, and material moving .....	20.57	14.75	15.60	27.63
Production .....	21.53	15.29	18.10	25.94
Transportation and material moving .....	19.19	14.14	13.43	31.91
	Relative error <sup>3</sup> (percent)			
<b>All workers</b> .....	4.7	9.8	3.4	3.1
Management, professional, and related .....	7.4	21.6	5.9	3.8
Management, business, and financial .....	6.7	10.2	9.6	7.5
Professional and related .....	10.8	31.7	3.5	2.4
Service .....	3.4	6.4	4.5	6.1
Sales and office .....	5.7	8.6	6.0	6.9
Sales and related .....	15.8	20.1	14.7	25.9
Office and administrative support .....	2.5	3.4	3.9	4.7
Natural resources, construction, and maintenance .....	4.7	5.5	9.2	5.9
Construction and extraction .....	2.6	3.4	—	—
Installation, maintenance, and repair .....	6.7	6.7	10.8	8.9
Production, transportation, and material moving .....	2.9	5.6	5.6	2.8
Production .....	3.3	6.4	8.0	4.0
Transportation and material moving .....	4.4	8.8	7.0	8.7

<sup>1</sup> Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, holidays, nonproduction bonuses, and tips. The mean is computed by totaling the pay of all workers and dividing by the number of workers, weighted by hours. See appendix A for more information.

<sup>2</sup> Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. See appendix B for more information.

<sup>3</sup> The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see appendix A.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

Table 15. Establishments with fewer than 100 workers: Mean and median hourly, weekly, and annual earnings and mean weekly and annual hours for full-time<sup>1</sup> private industry workers, Detroit-Ann Arbor-Flint, MI, April 2006

Occupation <sup>2</sup>	Hourly earnings <sup>3</sup>		Weekly earnings <sup>4</sup>			Annual earnings <sup>5</sup>		
	Mean	Median	Mean	Median	Mean weekly hours	Mean	Median	Mean annual hours
<b>All workers</b> .....	\$19.49	\$15.75	\$770	\$614	39.5	\$39,348	\$31,200	2,019
<b>Management occupations</b> .....	36.57	33.32	1,526	1,435	41.7	79,317	74,621	2,169
Financial managers .....	32.30	30.21	1,393	1,435	43.1	72,311	74,621	2,239
<b>Business and financial operations occupations</b> ...	23.37	22.06	942	882	40.3	48,981	45,876	2,096
<b>Computer and mathematical science occupations</b> .....	28.70	32.00	1,148	1,280	40.0	59,705	66,560	2,080
<b>Architecture and engineering occupations</b> .....	27.41	26.66	1,102	1,067	40.2	57,302	55,459	2,091
Engineers .....	32.57	31.83	1,314	1,340	40.3	68,311	69,701	2,097
Mechanical engineers .....	29.59	27.47	1,203	1,099	40.7	62,582	57,138	2,115
<b>Arts, design, entertainment, sports, and media occupations</b> .....	24.86	30.72	995	1,229	40.0	47,563	53,872	1,913
<b>Healthcare practitioner and technical occupations</b> .....	61.86	43.30	2,578	1,635	41.7	134,047	84,999	2,167
<b>Food preparation and serving related occupations</b> .....	8.26	7.50	299	257	36.2	15,371	12,480	1,861
First-line supervisors/managers, food preparation and serving workers .....	13.60	12.87	578	596	42.5	29,446	29,164	2,165
Food service, tipped .....	4.30	3.50	160	140	37.2	8,218	7,280	1,912
Fast food and counter workers .....	7.37	7.00	245	210	33.3	12,758	10,920	1,730
Combined food preparation and serving workers, including fast food .....	7.37	7.00	245	210	33.3	12,758	10,920	1,730
<b>Building and grounds cleaning and maintenance occupations</b> .....	10.24	9.43	382	360	37.3	17,929	15,840	1,750
Building cleaning workers .....	10.63	9.43	387	330	36.4	20,090	17,170	1,890
Janitors and cleaners, except maids and housekeeping cleaners .....	10.13	9.00	382	360	37.7	19,735	18,720	1,948
<b>Sales and related occupations</b> .....	20.15	17.64	818	769	40.6	42,469	39,998	2,107
First-line supervisors/managers, sales workers .....	20.21	17.31	860	911	42.6	44,731	47,384	2,213
Retail sales workers .....	14.21	10.43	572	340	40.3	29,618	17,680	2,084
Retail salespersons .....	14.91	14.40	607	497	40.7	31,580	25,834	2,117
Sales representatives, wholesale and manufacturing .....	33.03	29.55	1,367	1,189	41.4	70,954	61,835	2,148
Sales representatives, wholesale and manufacturing, except technical and scientific products .....	33.42	30.96	1,391	1,238	41.6	72,164	64,401	2,159
<b>Office and administrative support occupations</b> ....	14.65	14.17	574	544	39.2	29,828	28,275	2,037
Financial clerks .....	14.60	14.00	566	527	38.8	29,435	27,398	2,016
Bookkeeping, accounting, and auditing clerks ...	17.25	15.60	637	582	36.9	33,127	30,285	1,920
Tellers .....	12.17	11.97	487	479	40.0	25,320	24,889	2,080
Customer service representatives .....	14.62	15.09	583	587	39.8	30,292	30,500	2,072
Secretaries and administrative assistants .....	14.43	14.42	553	544	38.3	28,736	28,275	1,991
Executive secretaries and administrative assistants .....	19.45	18.32	761	733	39.2	39,597	38,108	2,036
Secretaries, except legal, medical, and executive .....	11.60	13.00	438	380	37.7	22,760	19,760	1,963
Office clerks, general .....	13.05	12.25	503	490	38.5	26,122	25,480	2,002
<b>Construction and extraction occupations</b> .....	21.27	20.19	844	808	39.7	39,752	36,795	1,869
First-line supervisors/managers of construction trades and extraction workers .....	28.03	26.10	1,121	1,044	40.0	54,025	54,288	1,928
Construction laborers .....	18.77	20.00	743	800	39.6	36,659	41,600	1,953
<b>Installation, maintenance, and repair occupations</b> .....	16.64	15.00	685	600	41.2	35,617	31,200	2,141

See footnotes at end of table.

Table 15. Establishments with fewer than 100 workers: Mean and median hourly, weekly, and annual earnings and mean weekly and annual hours for full-time<sup>1</sup> private industry workers, Detroit-Ann Arbor-Flint, MI, April 2006 — Continued

Occupation <sup>2</sup>	Hourly earnings <sup>3</sup>		Weekly earnings <sup>4</sup>			Annual earnings <sup>5</sup>		
	Mean	Median	Mean	Median	Mean weekly hours	Mean	Median	Mean annual hours
Industrial machinery installation, repair, and maintenance workers .....	\$21.57	\$25.24	\$863	\$1,010	40.0	\$44,870	\$52,499	2,080
<b>Production occupations</b> .....	15.27	15.51	601	616	39.4	31,222	32,032	2,045
Machine tool cutting setters, operators, and tenders, metal and plastic .....	16.26	14.15	651	566	40.0	33,740	29,432	2,075
<b>Transportation and material moving occupations</b> .....	14.60	14.29	572	530	39.2	29,177	27,768	1,998
Driver/sales workers and truck drivers .....	16.17	16.35	627	648	38.8	31,191	32,448	1,929
Truck drivers, heavy and tractor-trailer .....	18.37	18.57	700	660	38.1	34,202	32,968	1,861
Laborers and material movers, hand .....	10.64	10.00	426	400	40.0	22,129	20,800	2,080
Laborers and freight, stock, and material movers, hand .....	11.45	10.58	458	423	40.0	23,813	22,006	2,080

<sup>1</sup> Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Therefore, a worker with a 35-hour-per-week schedule might be considered a full-time employee in one establishment, but classified as part-time in another firm, where a 40-hour week is the minimum full-time schedule.

<sup>2</sup> Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. See appendix B for more information.

<sup>3</sup> Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, holidays, nonproduction bonuses, and tips. The mean is computed by totaling the pay of all workers and dividing by the number of workers, weighted by hours. See appendix A for more information.

<sup>4</sup> Mean weekly earnings are the straight-time weekly wages or salaries paid to

employees. Median weekly earnings designates position - one-half of the hours are paid the same as or more than the rate shown. Mean weekly hours are the hours an employee is scheduled to work in a week, exclusive of overtime.

<sup>5</sup> Mean annual earnings are the straight-time annual wages or salaries paid to employees. Median annual earnings designates position - one-half of the hours are paid the same as or more than the rate shown. Mean annual hours are the hours an employee is scheduled to work in a year, exclusive of overtime.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria. Overall occupational groups may include data for categories not shown separately

Table 16. Establishments with 100 workers or more: Mean and median hourly, weekly, and annual earnings and mean weekly and annual hours for full-time<sup>1</sup> private industry workers, Detroit-Ann Arbor-Flint, MI, April 2006

Occupation <sup>2</sup>	Hourly earnings <sup>3</sup>		Weekly earnings <sup>4</sup>			Annual earnings <sup>5</sup>		
	Mean	Median	Mean	Median	Mean weekly hours	Mean	Median	Mean annual hours
<b>All workers</b> .....	\$25.75	\$24.28	\$1,023	\$971	39.7	\$52,490	\$48,901	2,039
<b>Management occupations</b> .....	48.06	48.08	1,932	1,931	40.2	100,478	100,402	2,091
Marketing and sales managers .....	40.13	32.55	1,597	1,302	39.8	83,045	67,698	2,070
Marketing managers .....	34.63	32.55	1,373	1,302	39.6	71,378	67,698	2,061
Industrial production managers .....	46.52	45.91	1,932	1,865	41.5	100,449	97,003	2,159
Medical and health services managers .....	27.68	29.45	1,116	1,178	40.3	58,049	61,258	2,097
<b>Business and financial operations occupations</b> .....	33.53	31.97	1,336	1,248	39.9	69,489	64,913	2,073
Buyers and purchasing agents .....	27.49	22.69	1,100	908	40.0	57,188	47,193	2,080
Human resources, training, and labor relations specialists .....	34.10	32.41	1,360	1,297	39.9	70,715	67,419	2,074
<b>Computer and mathematical science occupations</b> .....	36.29	35.82	1,470	1,452	40.5	76,444	75,504	2,106
Computer software engineers .....	41.40	38.28	1,656	1,531	40.0	86,106	79,622	2,080
Computer systems analysts .....	40.28	39.42	1,610	1,577	40.0	83,695	81,994	2,078
Network and computer systems administrators .....	30.64	31.23	1,316	1,249	43.0	68,448	64,958	2,234
<b>Architecture and engineering occupations</b> .....	36.46	36.89	1,473	1,481	40.4	76,566	77,035	2,100
Engineers .....	39.41	38.84	1,597	1,577	40.5	83,035	82,000	2,107
Mechanical engineers .....	35.45	35.40	1,529	1,522	43.1	79,533	79,144	2,244
Engineering technicians, except drafters .....	28.33	29.57	1,133	1,183	40.0	58,870	61,506	2,078
Mechanical engineering technicians .....	26.77	19.45	1,071	778	40.0	55,691	40,456	2,080
<b>Community and social services occupations</b> .....	18.19	16.98	728	679	40.0	37,843	35,310	2,080
Social workers .....	18.19	16.98	728	679	40.0	37,844	35,310	2,080
<b>Education, training, and library occupations</b> .....	21.35	16.34	839	697	39.3	38,589	33,466	1,807
<b>Arts, design, entertainment, sports, and media occupations</b> .....	32.27	29.35	1,282	1,126	39.7	66,666	58,571	2,066
<b>Healthcare practitioner and technical occupations</b> .....	26.13	24.82	1,021	972	39.1	53,088	50,544	2,031
Physicians and surgeons .....	42.63	21.65	1,708	866	40.1	88,836	45,032	2,084
Registered nurses .....	28.75	28.71	1,121	1,121	39.0	58,318	58,300	2,029
Therapists .....	22.36	21.66	886	866	39.6	46,075	45,053	2,061
Clinical laboratory technologists and technicians .....	22.59	23.79	884	911	39.1	45,956	47,382	2,034
Medical and clinical laboratory technologists .....	24.81	24.95	965	970	38.9	50,178	50,461	2,023
Diagnostic related technologists and technicians .....	24.29	22.92	961	906	39.5	49,954	47,112	2,056
Radiologic technologists and technicians .....	24.13	22.92	952	881	39.5	49,512	45,802	2,052
Health diagnosing and treating practitioner support technicians .....	16.16	16.02	646	641	40.0	33,607	33,322	2,080
Pharmacy technicians .....	13.71	14.56	548	582	40.0	28,507	30,285	2,080
Licensed practical and licensed vocational nurses .....	22.45	21.25	846	826	37.7	44,013	42,952	1,960
<b>Healthcare support occupations</b> .....	11.26	11.00	443	437	39.4	23,058	22,704	2,048
Nursing, psychiatric, and home health aides .....	10.80	10.65	427	426	39.5	22,206	22,150	2,057
Home health aides .....	10.09	10.00	403	400	40.0	20,979	20,800	2,080
Nursing aides, orderlies, and attendants .....	11.81	11.61	460	456	39.0	23,919	23,730	2,026
Miscellaneous healthcare support occupations .....	13.56	13.00	524	502	38.6	27,226	26,083	2,007
<b>Food preparation and serving related occupations</b> .....	10.32	10.50	405	412	39.2	21,036	21,424	2,038
Cooks .....	11.34	11.58	424	463	37.4	22,037	24,093	1,943
Cooks, institution and cafeteria .....	11.40	11.72	456	469	40.0	23,711	24,378	2,080
Fast food and counter workers .....	10.06	9.70	402	388	40.0	20,919	20,180	2,080
<b>Building and grounds cleaning and maintenance occupations</b> .....	13.09	12.30	524	492	40.0	26,409	25,200	2,017
Building cleaning workers .....	13.11	12.30	524	492	40.0	27,075	25,200	2,065
Janitors and cleaners, except maids and housekeeping cleaners .....	13.15	12.30	526	492	40.0	27,361	25,584	2,080

See footnotes at end of table.

Table 16. **Establishments with 100 workers or more: Mean and median hourly, weekly, and annual earnings and mean weekly and annual hours for full-time<sup>1</sup> private industry workers, Detroit-Ann Arbor-Flint, MI, April 2006** — Continued

Occupation <sup>2</sup>	Hourly earnings <sup>3</sup>		Weekly earnings <sup>4</sup>			Annual earnings <sup>5</sup>		
	Mean	Median	Mean	Median	Mean weekly hours	Mean	Median	Mean annual hours
<b>Sales and related occupations</b> .....	\$20.80	\$15.60	\$844	\$610	40.6	\$43,896	\$31,720	2,111
Cashiers, all workers .....	11.33	11.30	453	452	40.0	23,560	23,504	2,080
Cashiers .....	11.33	11.30	453	452	40.0	23,560	23,504	2,080
Sales representatives, wholesale and manufacturing .....	25.60	22.98	1,016	919	39.7	52,852	47,788	2,064
<b>Office and administrative support occupations</b> ....	16.34	15.07	650	601	39.8	33,817	31,283	2,070
First-line supervisors/managers of office and administrative support workers .....	20.02	19.46	801	778	40.0	41,632	40,477	2,080
Financial clerks .....	15.68	15.30	627	612	40.0	32,581	31,824	2,078
Billing and posting clerks and machine operators .....	14.87	14.86	594	594	39.9	30,879	30,898	2,076
Bookkeeping, accounting, and auditing clerks ...	18.66	19.01	745	760	39.9	38,743	39,541	2,076
Tellers .....	13.25	13.22	530	529	40.0	27,553	27,498	2,080
Customer service representatives .....	16.58	15.07	658	601	39.7	34,240	31,242	2,065
Receptionists and information clerks .....	12.01	13.20	480	528	40.0	24,975	27,452	2,080
Shipping, receiving, and traffic clerks .....	17.12	13.89	685	556	40.0	35,537	28,891	2,076
Stock clerks and order fillers .....	12.12	11.24	485	450	40.0	25,212	23,379	2,080
Secretaries and administrative assistants .....	19.13	17.29	758	691	39.6	39,436	35,942	2,061
Executive secretaries and administrative assistants .....	23.43	23.92	929	962	39.6	48,290	50,007	2,061
Medical secretaries .....	14.56	14.90	570	559	39.1	29,636	29,055	2,035
Secretaries, except legal, medical, and executive .....	16.76	16.29	664	651	39.6	34,526	33,877	2,061
Office clerks, general .....	15.90	14.80	635	592	40.0	33,040	30,784	2,078
<b>Construction and extraction occupations</b> .....	30.73	32.10	1,229	1,284	40.0	48,221	65,083	1,569
Electricians .....	32.18	32.21	1,287	1,288	40.0	66,937	66,997	2,080
Pipelayers, plumbers, pipefitters, and steamfitters .....	28.93	30.75	1,157	1,230	40.0	60,169	63,960	2,080
Plumbers, pipefitters, and steamfitters .....	28.93	30.75	1,157	1,230	40.0	60,169	63,960	2,080
<b>Installation, maintenance, and repair occupations</b> .....	24.81	26.90	992	1,076	40.0	51,591	55,956	2,080
First-line supervisors/managers of mechanics, installers, and repairers .....	33.92	36.06	1,357	1,442	40.0	70,545	75,005	2,080
Bus and truck mechanics and diesel engine specialists .....	19.55	21.59	781	864	40.0	40,628	44,907	2,079
Industrial machinery installation, repair, and maintenance workers .....	28.96	32.10	1,158	1,284	40.0	60,232	66,768	2,080
Industrial machinery mechanics .....	30.66	32.21	1,226	1,288	40.0	63,763	66,997	2,080
Millwrights .....	31.36	31.68	1,255	1,267	40.0	65,235	65,894	2,080
<b>Production occupations</b> .....	23.70	27.69	948	1,108	40.0	49,276	57,595	2,079
First-line supervisors/managers of production and operating workers .....	28.14	30.30	1,125	1,212	40.0	58,523	63,022	2,080
Miscellaneous assemblers and fabricators .....	26.44	28.06	1,057	1,122	40.0	54,989	58,365	2,080
Team assemblers .....	24.96	28.05	998	1,122	40.0	51,910	58,344	2,080
Machine tool cutting setters, operators, and tenders, metal and plastic .....	23.13	27.36	925	1,094	40.0	47,928	56,909	2,072
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic ....	22.32	22.55	893	902	40.0	46,265	46,002	2,073
Multiple machine tool setters, operators, and tenders, metal and plastic .....	21.65	23.94	866	958	40.0	45,023	49,793	2,080
Tool and die makers .....	29.73	31.97	1,189	1,279	40.0	61,749	66,502	2,077
Welding, soldering, and brazing workers .....	27.61	27.69	1,104	1,108	40.0	57,422	57,595	2,080
Laundry and dry-cleaning workers .....	10.92	9.95	437	398	40.0	22,710	20,696	2,080
Inspectors, testers, sorters, samplers, and weighers .....	23.29	27.09	931	1,084	40.0	48,436	56,347	2,080
Miscellaneous production workers .....	20.44	16.88	818	675	40.0	42,510	35,110	2,080
<b>Transportation and material moving occupations</b> .....	23.52	17.98	892	721	37.9	46,376	37,517	1,972
Driver/sales workers and truck drivers .....	19.03	18.21	761	728	40.0	39,580	37,871	2,080

See footnotes at end of table.

Table 16. Establishments with 100 workers or more: Mean and median hourly, weekly, and annual earnings and mean weekly and annual hours for full-time<sup>1</sup> private industry workers, Detroit-Ann Arbor-Flint, MI, April 2006 — Continued

Occupation <sup>2</sup>	Hourly earnings <sup>3</sup>		Weekly earnings <sup>4</sup>			Annual earnings <sup>5</sup>		
	Mean	Median	Mean	Median	Mean weekly hours	Mean	Median	Mean annual hours
Industrial truck and tractor operators .....	\$19.92	\$26.00	\$797	\$1,040	40.0	\$41,433	\$54,072	2,080
Laborers and material movers, hand .....	16.28	13.52	651	541	40.0	33,856	28,122	2,080
Laborers and freight, stock, and material movers, hand .....	17.55	17.61	702	704	40.0	36,503	36,629	2,080

<sup>1</sup> Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Therefore, a worker with a 35-hour-per-week schedule might be considered a full-time employee in one establishment, but classified as part-time in another firm, where a 40-hour week is the minimum full-time schedule.

<sup>2</sup> Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. See appendix B for more information.

<sup>3</sup> Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, holidays, nonproduction bonuses, and tips. The mean is computed by totaling the pay of all workers and dividing by the number of workers, weighted by hours. See appendix A for more information.

<sup>4</sup> Mean weekly earnings are the straight-time weekly wages or salaries paid to

employees. Median weekly earnings designates position - one-half of the hours are paid the same as or more than the rate shown. Mean weekly hours are the hours an employee is scheduled to work in a week, exclusive of overtime.

<sup>5</sup> Mean annual earnings are the straight-time annual wages or salaries paid to employees. Median annual earnings designates position - one-half of the hours are paid the same as or more than the rate shown. Mean annual hours are the hours an employee is scheduled to work in a year, exclusive of overtime.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria. Overall occupational groups may include data for categories not shown separately



Table 17. Union<sup>1</sup> and nonunion workers: Mean hourly earnings<sup>2</sup> for major occupational groups, Detroit-Ann Arbor-Flint, MI, April 2006

Occupational group <sup>3</sup>	Union			Nonunion		
	Civilian workers	Private industry workers	State and local government workers	Civilian workers	Private industry workers	State and local government workers
<b>All workers</b> .....	\$24.80	\$23.75	\$27.10	\$21.52	\$21.37	\$24.98
Management, professional, and related .....	38.11	31.28	39.71	34.60	34.98	29.61
Management, business, and financial .....	38.48	—	35.71	37.75	37.63	42.12
Professional and related .....	38.07	28.58	40.16	32.96	33.51	27.61
Service .....	16.79	12.16	19.28	9.40	9.35	11.61
Sales and office .....	16.33	16.38	16.26	15.96	15.86	18.51
Sales and related .....	—	—	—	17.81	17.81	—
Office and administrative support .....	16.77	17.29	16.26	15.02	14.81	18.55
Natural resources, construction, and maintenance ....	26.45	26.92	23.50	16.54	16.33	—
Construction and extraction .....	—	26.59	24.34	—	18.40	—
Installation, maintenance, and repair .....	26.78	27.32	21.41	15.70	15.70	—
Production, transportation, and material moving .....	24.19	24.64	15.52	15.23	15.12	—
Production .....	24.67	24.75	—	16.67	16.49	—
Transportation and material moving .....	23.46	24.44	15.66	13.50	13.50	—
	Relative error <sup>4</sup> (percent)					
<b>All workers</b> .....	1.9	2.8	1.3	5.9	6.2	4.8
Management, professional, and related .....	2.5	10.9	2.2	7.4	7.9	6.1
Management, business, and financial .....	10.5	—	8.5	6.6	6.9	8.1
Professional and related .....	2.6	10.0	2.2	10.7	11.6	7.9
Service .....	3.8	6.5	1.9	3.8	3.9	11.6
Sales and office .....	5.3	9.4	2.5	5.7	5.9	6.3
Sales and related .....	—	—	—	16.0	16.0	—
Office and administrative support .....	5.3	9.9	2.5	2.1	2.0	6.3
Natural resources, construction, and maintenance ....	1.9	2.1	7.7	8.1	8.2	—
Construction and extraction .....	—	3.2	8.7	—	14.9	—
Installation, maintenance, and repair .....	3.2	3.6	2.5	7.0	7.0	—
Production, transportation, and material moving .....	2.7	2.8	1.4	5.0	5.1	—
Production .....	1.9	1.9	—	8.5	8.8	—
Transportation and material moving .....	5.3	5.6	.5	6.9	7.0	—

<sup>1</sup> Union workers are those whose wages are determined through collective bargaining.

<sup>2</sup> Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, holidays, nonproduction bonuses, and tips. The mean is computed by totaling the pay of all workers and dividing by the number of workers, weighted by hours. See appendix A for more information.

<sup>3</sup> Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. See appendix B for more

information.

<sup>4</sup> The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see appendix A.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

Table 18. Time and incentive workers<sup>1</sup>: Mean hourly earnings<sup>2</sup> for major occupational groups, Detroit-Ann Arbor-Flint, MI, April 2006

Occupational group <sup>3</sup>	Time		Incentive	
	Civilian workers	Private industry workers	Civilian workers	Private industry workers
<b>All workers</b> .....	\$22.22	\$21.59	\$27.54	\$27.54
Management, professional, and related .....	34.21	33.73	—	—
Management, business, and financial .....	38.44	38.45	—	—
Professional and related .....	32.37	31.22	—	—
Service .....	11.25	9.51	—	—
Sales and office .....	15.44	15.26	21.52	21.52
Sales and related .....	15.71	15.72	22.46	22.46
Office and administrative support .....	15.35	15.09	—	—
Natural resources, construction, and maintenance .....	22.40	22.27	—	—
Construction and extraction .....	—	23.99	—	—
Installation, maintenance, and repair .....	21.14	21.13	—	—
Production, transportation, and material moving .....	20.47	20.60	17.18	17.18
Production .....	21.52	21.53	—	—
Transportation and material moving .....	19.00	19.23	—	—
	Relative error <sup>4</sup> (percent)			
<b>All workers</b> .....	3.2	3.7	33.1	33.1
Management, professional, and related .....	3.8	4.7	—	—
Management, business, and financial .....	5.6	6.0	—	—
Professional and related .....	3.9	5.0	—	—
Service .....	3.1	3.6	—	—
Sales and office .....	5.3	5.8	9.1	9.1
Sales and related .....	19.7	19.7	8.6	8.6
Office and administrative support .....	2.1	2.4	—	—
Natural resources, construction, and maintenance .....	4.2	4.6	—	—
Construction and extraction .....	—	2.6	—	—
Installation, maintenance, and repair .....	6.8	7.1	—	—
Production, transportation, and material moving .....	2.8	2.9	10.4	10.4
Production .....	3.3	3.3	—	—
Transportation and material moving .....	4.1	4.4	—	—

<sup>1</sup> Wages of time workers are based solely on hourly rate or salary. Incentive workers are those whose wages are at least partially based on productivity payments such as piece rates, commissions, and production bonuses.

<sup>2</sup> Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, holidays, nonproduction bonuses, and tips. The mean is computed by totaling the pay of all workers and dividing by the number of workers, weighted by hours. See appendix A for more information.

<sup>3</sup> Workers are classified by occupation using the 2000

Standard Occupational Classification (SOC) system. See appendix B for more information.

<sup>4</sup> The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see appendix A.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

Table 19. Industry sector<sup>1</sup>: Mean hourly earnings<sup>2</sup> for private industry workers by major occupational group, Detroit-Ann Arbor-Flint, MI, April 2006

Occupational group <sup>3</sup>	Goods producing		Service providing						
	Construction	Manufacturing	Trade, transportation, and utilities	Information	Financial activities	Professional and business services	Education and health services	Leisure and hospitality	Other services
<b>All workers</b> .....	-	\$27.21	-	\$27.33	\$20.11	-	\$23.31	\$8.33	-
Management, professional, and related .....	-	40.79	-	33.21	33.37	-	33.43	32.50	-
Management, business, and financial .....	-	46.24	-	35.44	34.60	-	30.02	-	-
Professional and related .....	-	35.65	-	31.17	30.47	-	33.71	-	-
Service .....	-	14.26	-	-	12.19	-	11.35	7.62	-
Sales and office .....	-	19.39	-	20.41	16.45	-	14.27	11.75	-
Sales and related .....	-	21.01	-	-	21.21	-	-	-	-
Office and administrative support .....	-	18.32	-	20.06	15.13	-	14.28	12.17	-
Natural resources, construction, and maintenance .....	-	29.14	-	22.68	-	-	-	-	-
Installation, maintenance, and repair .....	-	29.48	-	22.68	-	-	-	-	-
Production, transportation, and material moving .....	-	22.58	-	-	-	-	13.02	7.94	-
Production .....	-	22.95	-	-	-	-	12.72	-	-
Transportation and material moving .....	-	20.32	-	-	-	-	-	-	-
Relative error <sup>4</sup> (percent)									
<b>All workers</b> .....	-	2.1	-	2.3	5.3	-	21.7	6.5	-
Management, professional, and related .....	-	4.6	-	10.7	3.7	-	25.8	15.1	-
Management, business, and financial .....	-	8.4	-	1.4	5.5	-	17.4	-	-
Professional and related .....	-	3.6	-	23.1	10.8	-	27.3	-	-
Service .....	-	30.0	-	-	7.9	-	3.4	6.5	-
Sales and office .....	-	3.7	-	19.4	1.1	-	2.3	6.1	-
Sales and related .....	-	9.6	-	-	11.2	-	-	-	-
Office and administrative support .....	-	5.8	-	27.1	3.0	-	2.3	6.5	-
Natural resources, construction, and maintenance .....	-	.5	-	18.0	-	-	-	-	-
Installation, maintenance, and repair .....	-	2.4	-	18.1	-	-	-	-	-
Production, transportation, and material moving .....	-	4.0	-	-	-	-	6.0	.0	-
Production .....	-	3.5	-	-	-	-	6.9	-	-
Transportation and material moving .....	-	8.5	-	-	-	-	-	-	-

<sup>1</sup> Industry sectors are determined by the 2002 North American Industry Classification System (NAICS).

<sup>2</sup> Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, holidays, nonproduction bonuses, and tips. The mean is computed by totaling the pay of all workers and dividing by the number of workers, weighted by hours. See appendix A for more information.

<sup>3</sup> Workers are classified by occupation using the 2000 Standard Occupational Classification (SOC) system. See appendix B for more information.

<sup>4</sup> The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see appendix A.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.

# Appendix A: Technical Note

This section provides basic information on the procedures and concepts used to produce the data contained in this bulletin. It is divided into three parts: Planning for the survey; data collection; and processing and analyzing the data. Although this section answers some questions commonly asked by data users, it is not a comprehensive description of all of the steps required to produce the data.

## Planning for the survey

The overall design of the National Compensation Survey (NCS) includes questions of scope, frame, and sample selection.

### Survey scope

This survey covered establishments employing one worker or more in private goods-producing industries (mining, construction, and manufacturing); private service-providing industries (trade, transportation, and utilities, information, financial activities, professional and business services, education and health services, leisure and hospitality, and other services); State governments; and local governments employing 50 or more workers. Agriculture, forestry, fishing and hunting, private households, and the Federal Government were excluded from the scope of the survey. For purposes of this survey, an establishment is an economic unit that produces goods or services, a central administrative office, or an auxiliary unit providing support services to a company. For private industries in this survey, the establishment is usually at a single physical location. For State and local governments, an establishment is defined as all locations of a government agency within the sampled area.

The Detroit–Ann Arbor–Flint, MI, Metropolitan Statistical Area includes Genesee, Lapeer, Lenawee, Livingston, Macomb, Monroe, Oakland, St. Clair, Washtenaw, and Wayne Counties.

### Sampling frame

The list of establishments from which the survey sample was selected (sampling frame) was developed from State unemployment insurance reports. Due to the volatility of industries within the private sector, sampling frames were developed using the most recent month of reference available at the time the sample was selected. Approximately one-fifth of the sample is reselected each year.

### Sample design

The sample for this survey area was selected using a two-stage stratified design with probability proportional to employment sampling at each stage. The first stage of sample selection was a probability sample of establishments. The sample of establishments was drawn by first stratifying the sampling frame by industry and ownership. The number of sample establishments allocated to each stratum is approximately proportional to the stratum employment. Each sampled establishment is selected within a stratum with a probability proportional to its employment. Use of this technique means that the larger an establishment's employment, the greater its chance of selection. Weights were applied to each establishment when the data were tabulated so that it represents similar units (by industry and employment size) in the economy that were not selected for collection. The second stage of sample selection, detailed below, was a probability sample of occupations within a sampled establishment.

## Data collection

The collection of data from survey respondents required detailed procedures. Field economists collected the data, working out of the Bureau of Labor Statistics' (BLS) Regional Offices and visiting each establishment surveyed. Other contact methods, such as mail and telephone, were used to clarify and update data.

### Occupational selection and classification

Identification of the occupations for which wage data were to be collected was a multistep process:

1. Probability-proportional-to-size selection of establishment jobs
2. Classification of jobs into occupations based on the 2000 Standard Occupational Classification (SOC) system
3. Characterization of jobs as full-time versus part-time, union versus nonunion, and time versus incentive
4. Determination of the level of work of each job

For each occupation, wage data were collected for those workers whose jobs could be characterized by the criteria

identified in the last three steps. If a specific work level could not be determined, wages were still collected.

In step one, the jobs to be sampled were selected at each establishment by the BLS field economist. A complete list of employees was used for sampling, with each selected worker representing a job within the establishment.

As with the selection of establishments, the selection of a job was based on probability proportional to its size in the establishment. The greater the number of people working in a job in the establishment, the greater its chance of selection.

The number of jobs for which data were collected in each establishment was based on the establishment's employment size. The number of jobs selected followed this schedule:

<i>Number of employees</i>	<i>Number of selected jobs</i>
1-49	Up to 4
50-249	6
250 or more	8

The second step of the process entailed classifying the selected jobs into occupations based on their duties. NCS uses the 2000 Standard Occupational Classification (SOC) system. A selected job may fall into any one of about 800 occupational classifications, from accountant to zoologist. When workers could be classified in more than one occupation, they were classified in the occupation that required the higher skill level. When there was no perceptible difference in skill level, the workers were classified in the occupation that described their primary activity.

Each occupational classification is an element of a broader classification known as a major group. Occupations can fall into any of 22 major groups. Appendix B contains a complete list of all individual occupations, classified by the major group to which they belong.

In step three, certain other job characteristics of the chosen worker were identified. First, the worker was identified as holding either a full-time or part-time job, based on the establishment's definition of those terms. Then, the worker was classified as having a time versus incentive job, depending on whether any part of pay was directly based on the actual production of the worker, rather than solely on hours worked. Finally, the worker was identified as being in a union job or a nonunion job. See the "Definition of terms" section on the following page for more detail.

### **Occupational leveling**

In the last step before wage data were collected, the work level of each selected job was determined using a "point factor leveling" process. Point factor leveling matches certain aspects of a job to specific levels of work with assigned point values. Points for each factor are then totaled to determine the overall work level for the job.

The NCS program is in the process of converting from a nine-factor to a four-factor occupational leveling system. The conversion is being phased in via annual NCS sample replenishment groups and will require several years for full implementation. The four occupational leveling factors are:

- Knowledge
- Job controls and complexity
- Contacts (nature and purpose)
- Physical environment

Each factor consists of several levels, and each level has an associated description and assigned points. A knowledge guide for 24 families of closely related occupations contains short definitions of the point levels of knowledge expected for the occupations and presents relevant examples. The other three factors use identical descriptions for all occupational categories and contain a definition of each point level within each factor.

The description within each factor best matching the job is chosen. The point levels within each factor are designed to describe the thresholds of distinct levels of work. When a job does not meet the full description of a point level, the next lowest point level is used. Points for the four factors are totaled to determine the overall work level. NCS publishes data for up to 15 work levels.

Most supervisory occupations are evaluated based on their duties and responsibilities. A modified approach is used for professional and administrative supervisors when they direct professional work and are paid primarily to supervise. Such supervisory occupations are leveled based on the work level of the highest position reporting to them.

For a complete description of point factor leveling, refer to the publication "National Compensation Survey: Guide for Evaluating Your Firm's Jobs and Pay," available at the BLS National Compensation Survey Internet site at <http://www.bls.gov/ncs/ocs/sp/ncbr0004.pdf>.

### **Combined work levels**

This bulletin includes a table which simplifies the presentation of work levels by combining them into four broad groups. The groups were determined by combinations of knowledge, job controls and complexity, contacts, physical environment, and supervisory duties, and are meant to be comparable across different occupations. The broad groups and the combined work levels are:

<i>Group designation</i>	<i>Levels combined</i>
Group I	Levels 1-4
Group II	Levels 5-8
Group III	Levels 9-12
Group IV	Levels 13-15

## Collection period

Survey data were collected over a 13-month period for 60 metropolitan areas in the NCS program. For 20 small metropolitan areas, data were collected over a 4-month period. For each establishment in the survey, the data reflect the establishment's most recent information at the time of collection. The payroll reference month shown in the tables reflects the average date of this information for all sample units.

## Earnings

Earnings were defined as regular payments from the employer to the employee as compensation for straight-time hourly work, or for any salaried work performed. The following components were included as part of earnings:

- Incentive pay, including commissions, production bonuses, and piece rates
- Cost-of-living allowances
- Hazard pay
- Payments of income deferred due to participation in a salary reduction plan
- Deadhead pay, defined as pay given to transportation workers returning in a vehicle without freight or passengers

The following forms of payments were *not* considered part of straight-time earnings:

- Shift differentials, defined as extra payment for working a schedule that varies from the norm, such as night or weekend work
- Premium pay for overtime, holidays, and weekends
- Bonuses not directly tied to production (such as Christmas and profit-sharing bonuses)
- Uniform and tool allowances
- Free or subsidized room and board
- Payments made by third parties (for example, tips)
- On-call pay

To calculate earnings for various periods (hourly, weekly, and annual), data on work schedules also were collected. For hourly workers, scheduled hours worked per day and per week, exclusive of overtime, were recorded. Annual weeks worked were determined. Because salaried workers who are exempt from overtime provisions often work beyond the assigned work schedule, their typical number of hours actually worked was collected.

## Definition of terms

*Full-time worker.* Any employee whom the employer considers to be full time.

*Part-time worker.* Any employee whom the employer considers to be part time.

*Time-based worker.* Any employee whose earnings are solely tied to an hourly rate or salary.

*Incentive worker.* Any employee whose earnings are tied, at least in part, to commissions, piece rates, production bonuses, or other incentives based on production or sales.

*Nonunion worker.* An employee in an occupation not meeting the conditions for union coverage.

*Union worker.* Any employee is in a union occupation when all of the following conditions are met:

- A labor organization is recognized as the bargaining agent for all workers in the occupation
- Wage and salary rates are determined through collective bargaining or negotiations
- Settlement terms, which must include earnings provisions and may include benefit provisions, are embodied in a signed, mutually binding collective bargaining agreement

*Level.* A ranking within an occupation based on the requirements of the position.

## Processing and analyzing the data

Data were processed and analyzed at the BLS National Office following collection.

## Weighting and nonresponse

Sample weights were calculated for each establishment and occupation in the survey. These weights reflected the relative size of the occupation within the establishment and of the establishment within the sample universe. Weights were used to aggregate data for the individual establishments or occupations into the various data series. Some of the establishments surveyed could not supply or refused to supply information. If data were not provided by a sample member during the initial interview, the weights of responding sample members in the same or similar "cells" were adjusted to account for the missing data. This technique assumes that the mean value of data for the nonrespondents equals the mean value of data for the respondents at some detailed "cell" level. Responding and nonresponding establishments were classified into these cells according to industry and employment size. Responding and nonresponding occupations within responding establishments were classified into cells that were additionally defined by major occupation group.

If average hourly earnings data were not provided by a sample member during the update interview, then missing average hourly earnings were imputed by multiplying prior average hourly earnings by the rate of change in the average hourly earnings of respondents. The regression model that takes into account available establishment characteris-

tics is used to derive the rate of change in the average hourly earnings.

Establishments that were determined to be out of business or outside the scope of the survey had their weights changed to zero.

### **Estimation**

The wage series in the tables are computed by combining the wages for each sampled occupation. Before being combined, individual wage rates are weighted by the number of workers; the sample weight, adjusted for nonresponding establishments and other factors; and the occupation's scheduled hours of work. The sample weight reflects the inverse of each unit's probability of selection at each sample selection stage and four weight adjustment factors. The first factor adjusts for establishment nonresponse and the second factor adjusts for occupational nonresponse. The third factor adjusts for any special situations that may have occurred during data collection. The fourth factor, poststratification, also called benchmarking, is introduced to adjust estimated employment totals to the current counts of employment by industry. The latest available employment counts were used to derive average hourly earnings in this publication.

Not all calculated series met the criteria for publication. Before any series was published, it was reviewed to make sure that the number of observations underlying it was sufficient. This review prevented the publication of a series that could have revealed information about a specific establishment.

Estimates of the number of workers represent the total in all establishments within the scope of the study, and not the number actually surveyed. Because occupational structures among establishments differ, estimates of the number of workers obtained from the sample of establishments serve to indicate only the relative importance of the occupational groups studied.

### **Percentiles**

The percentiles presented in tables 6 through 10 are computed using earnings reported for individual workers in sampled establishment jobs and their scheduled hours of work. Establishments in the survey may report only individual-worker earnings for each sampled job. For the calculation of percentile estimates, the individual-worker hourly earnings are appropriately weighted and then arrayed from lowest to highest.

The published 10th, 25th, 50th, 75th, and 90th percentiles designate position in the earnings distribution within

each published occupation. At the 50th percentile, the median, half of the hours are paid the same as or more than the rate shown, and half are paid the same as or less than the rate shown. At the 25th percentile, one-fourth of the hours are paid the same as or less than the rate shown. At the 75th percentile, one-fourth are paid the same as or more than the rate shown. The 10th and 90th percentiles follow the same logic.

### **Data reliability**

The data in this bulletin are estimates from a scientifically selected probability sample. There are two types of errors possible in an estimate based on a sample survey, sampling and nonsampling.

*Sampling errors* occur because observations come only from a sample and not from an entire population. The sample used for this survey is one of a number of possible samples of the same size that could have been selected using the sample design. Estimates derived from the different samples would differ from each other.

A measure of the variation among these differing estimates is called the standard error or sampling error. It indicates the precision with which an estimate from a particular sample approximates the average result of all possible samples. The relative standard error (RSE) is the standard error divided by the estimate. RSE data are provided alongside the earnings data in the bulletin tables.

The standard error can be used to calculate a "confidence interval" around a sample estimate. As an example, suppose a table shows that mean hourly earnings for all workers were \$17.75, with a relative standard error of 1.0 percent for this estimate. At the 90-percent level, the confidence interval for this estimate is from \$16.46 to \$18.04 (\$17.75 minus and plus \$0.29, where \$0.29 is the product of 1.645 times 1.0 percent times \$17.75). If all possible samples were selected to estimate the population value, the interval from each sample would include the true population value approximately 90 percent of the time.

*Nonsampling errors* also affect survey results. They can stem from many sources, such as inability to obtain information for some establishments, difficulties with survey definitions, inability of the respondents to provide correct information, or mistakes in recording or coding the data obtained. Although they were not specifically measured, the nonsampling errors were expected to be minimal due to the extensive training of the field economists who gathered the survey data, computer edits of the data, and detailed data review.

Appendix table 1. **Number of workers<sup>1</sup> represented by the survey, Detroit-Ann Arbor-Flint, MI, April 2006**

Occupational group <sup>2</sup>	Civilian workers	Private industry workers	State and local government workers
<b>All workers</b> .....	2,272,300	1,975,900	296,400
Management, professional, and related .....	682,200	535,600	146,600
Management, business, and financial .....	180,800	168,300	12,500
Professional and related .....	501,400	367,300	134,100
Service .....	464,600	390,900	73,600
Sales and office .....	512,500	467,900	44,600
Sales and related .....	165,200	164,800	–
Office and administrative support .....	347,300	303,100	44,200
Natural resources, construction, and maintenance ....	162,500	149,100	13,400
Construction and extraction .....	80,200	70,200	10,000
Installation, maintenance, and repair .....	76,200	72,800	3,400
Production, transportation, and material moving .....	450,500	432,400	18,100
Production .....	242,700	239,500	–
Transportation and material moving .....	207,800	192,900	14,900

<sup>1</sup> The number of workers represented by the survey are rounded to the nearest 100. Estimates of the number of workers provide a description of size and composition of the labor force included in the survey. Estimates are not intended, however, for comparison to other statistical series to measure employment trends or levels.

<sup>2</sup> Workers are classified by occupation using the

2000 Standard Occupational Classification (SOC) system. See appendix B for more information.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.



Appendix table 2. **Survey establishment response, Detroit-Ann Arbor-Flint, MI, April 2006**

Establishments	Total	Private industry	State and local government
Total in sampling frame <sup>1</sup> .....	109,328	109,035	292
Total in sample .....	723	663	60
Responding .....	477	423	54
Refused or unable to provide data .....	153	147	6
Out of business or not in survey scope .....	93	93	0

<sup>1</sup> The list of establishments from which the survey sample was selected (sampling frame) was developed from State unemployment insurance reports and is based on the 2002 North American Industry Classification System (NAICS). For private industries, an establishment is usually a single physical location. For State and local governments, an establishment is defined as all locations of a

government entity.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

SOURCE: Bureau of Labor Statistics, National Compensation Survey.